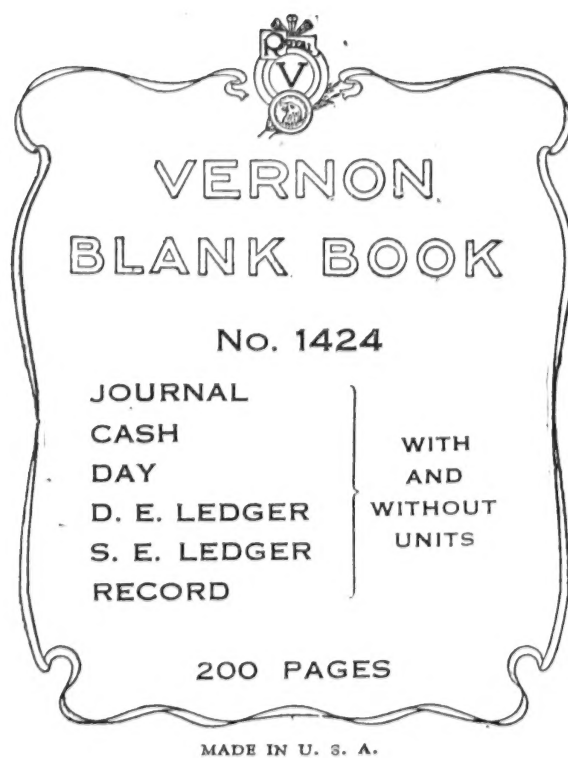


RECORD

Steven P. Darwin

F. R. Fosberg



Collection and Field Note Book

No. 1

(Feb. 10, 1928 - Aug. 7, 1930)

(S-1 - S-3366)

CALIFORNIA and NEVADA

Pages
2 - 199

R. Fosberg

FROM

Steven P. Darwin

Collection and Field Note Book

No. 1

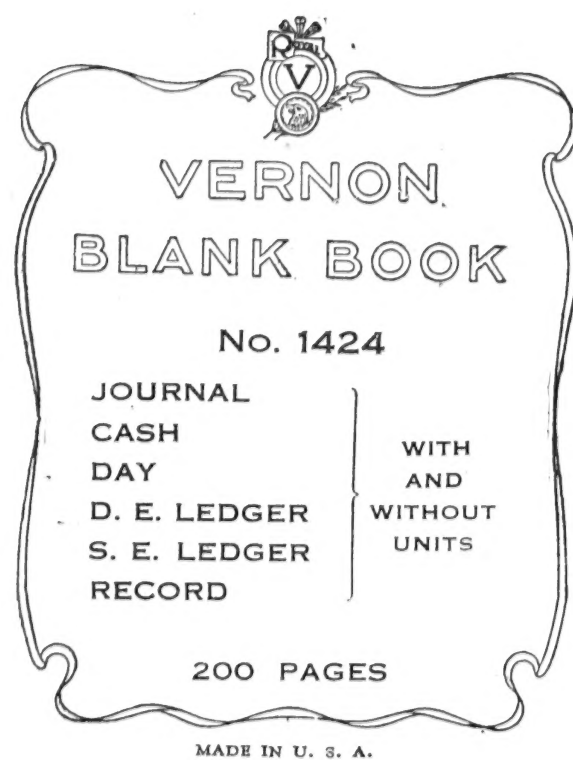
(Feb. 10, 1928 - Aug. 7, 1930)

(S-1 - S-3366)

CALIFORNIA and NEVADA

Pages
2 - 199

F. R. Fosberg



DIECKHAUS
206 S. 52nd St.
50

R. Fosberg
FROM
Steven P. Darwin

- S
- 1 Discarded
 - 2 *Nemophila rotata* v. *integrifolia*
 - 3 *Montia perfoliata* Howell
 - 4
 - 5 *Ceanothus crassifolius*
 - 6 *Erysimum asperum*
 - 7 discarded
 - 8 *Paesonia Brownii*
 - 9 *Cryptantha intermedia*
 - 10 *Senecio Douglassii*
 - 11 *Lotus scoparius*
 - 12 *Echinocystis macrocarpus*
 - 13 *Antirrhinum strictum*
 - 14 *Caulanthus lasiophyllus*
 - 15 *Lathyrus laetiflorus*
 - 16 *Euphorbia melanadenia*
 - 17 *Scutellaria tuberosa*
 - 18 *Euphorbia albomarginata*
 - 19 *Solidago californica*
 - 20 discarded
 - 21 *Bromus rubens*
 - 22 *Nemophila rotata* v. *incana*
 - 23 *Lotus strigosus*
 - 24 discarded
 - 25 *Amsinckia Douglasiana*
 - 26 *Lupinus sparsiflora*
 - 27 *Cryptantha intermedia*
 - 28 ~~*Euphorbia*~~ *pinifolius*
 - 29 *Chenopodium californicum*
 - 30 *Ribes malvaceum* var. *indecomum*
 - 31 discarded
 - 32 *Rumex hymenosepalus*
 - 33 *Lupinus formosus*
 - 34 *Velaria arguta* C. & R.

- 3/30/28 Cobles Can. ^{Claremont} ~~Messing~~ L.A. Co.
 2/22/28 " " " " "
- 2/22/28 Cobles Can. Claremont, L.A. Co. Cal.
 " Thompson's Cr. " " "
- 2/27/28 Indian Hill, Claremont, L.A. Co. Cal.
 2/16/28 " " " " "
 2/10/28 " " " " "
 2/15/28 " " " " "
 2/28/28 M. Thompson's Cr. " " "
 2/29/28 Claremont M. Thompson's Cr. " " "
 " " " " "
- 2/29/28 Thompson's Cr. Claremont, L.A. Co. Cal.
 " " " " "
- 2/29/28 Thompson's Cr. Claremont, L.A. Co. Cal.
 2/29/28 " " " " "
- 2/29/28 " " " " "
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 " " " " "
 " " " " "
 " " " " "
 2/29/28 " " " " "
 2/29/28 " " " " "
 2/29/28 Thompson's Cr. Claremont L.A. Co. Cal.
 2/29/28 Thompson's Cr. Claremont, L.A. Co. Cal.
 3/7/28 Claremont, L.A. Co. Cal.
 " " " " "
 " " " " "

- 35 *Matricaria matricarioides*
 36 *Baeria chrysostoma*
 37 *Lupinus truncatus*
 38 *Pectocarya linearis*
 39 *Sisymbrium pinnatum*
 40 *Phacelia distans*
 41 *Potentilla cuneata*
 42 *Capsella Bursa-pastoris*
 43 *Solanum Douglasii*
 44 ~~*Lotus*~~ *scoparius*
 45 discarded
 46 *Rhus trilobata*
 47 discarded
 48 *Erodium moschatum*
 49 *Medicago hispida*
 50 *Rhus integrifolia*
 51 *Rhus laurina*
 52 *Microsteris gracilis*
 53 *Chenopodium ambrosioides*
 54 discarded
 55 discarded
 56 *Ranunculus californicus*
 57 *Ribes speciosum*
 58 discarded
 59 *Thyanocarpus laciniatus*
 60 *Baccharis viminea*
 61 *Cuscuta californica*
 62 *Ribes malvaceum* v. *indecorum*
 63 *Carex schottii* Dewey
 64 discarded
 65 *Alnus rhombifolia*
 66 *Pseudotsuga macrocarpa*
 67 *Senecio vulgaris*
 68 *Layia platyglossa* v. *breviseta*

- 3/7/28 Claremont L.A. Co.
 3/6/28 " " "
 3/7/28 " " "
 3/7/28 " " "
 " " " "
 3/7/28 " " "
 3/7/28 Claremont L.A. Co. Cal.
 " " " " "
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 " " " " "
 3/6/28 Puddingstone Can. Los Angeles Co. Cal.
 " " " " "
 " " " " "
 " " " " "
 " " " " "
 3/4/28 San Antonio Can. " "
 3/4/28 San Antonio Can. " "
 " " " " "
 3/11/28 Cobles Can. Claremont " "
 " " " " "
 3/10/28 San Antonio Mts. Ice House Can. S.B. Co.
 3/11/28 Cobles Can. Claremont, L.A. Co. Cal.
 " Thompson's Co. " "
 " " " " "

- 5103 *Eriophyllum Wallacei*
 04 *Plantago inularis* var. *fastigiata*
 05 discarded
 06 discarded
 07 *Cryptantha*
 08 *Lupinus bicolor*
 09 *Lotus strigosus*
 10
 11 *Nema demissum*
 12 *Achyrocline Cooperii*
 13 *Palaforn linearis*
 14 *Cryptantha barbigena*
 15 *Pluchea sericea*
 16 *Hymenoclea salsola*
 17 *Dalea Schottii* v. *puberula*
 18 *Chaenactis maerantha*
 19 *Perityle Emoryi*
 20 *Psathyrotus ramosissimus*
 21 *Eriogonum Thomasii*
 22 *Chorizanthe brevicornu*
 23 *Dalea mollis* v. *mollissima*
 24 discarded
 25 *Lepidium lasiocarpum*
 26 *Gilia latifolia*
 27 *Lotus strigosus*
 28 *Cryptantha*
 29 discarded
 30 *Cryptantha*
 31 *Pterostegia drymaroides*
 32 *Euphorbia ~~parishii~~ polycarpa?*
 33 *Astragalus Coulteri*
 34
 35 *Lupinus*
 36 *Rafanogilia neomexicana*

- 3/17/28 Coachella V. Riverside Co.
 2/17/28 Coachella V. Riverside Co. Cal.
 3/17/28 " " " " "
 " Banning " " "
 3/18/28 Coachella V. " " "
 3/18/28 Thousand Palms Can. " " "
 " " " " " " "
 3/18/28 Thousand Palms Can. " " "
 " " " " " " "
 " " " " " " "
 " " " " " " "
 " " " " " " "
 3/17/28 " " " " " "
 3/17/28 Thousand Palms Can. Riv. Co. Cal.
 " " " " " " "
 " " " " " " "
 3/18/28 " " " " " "
 3/18/28 Thousand Palms Can. Riverside Co. Cal.
 3/17/28 Banning " " "
 3/17/28 Banning " " "
 " Coachella V. " " "
 3/17/28 Coachella V. Riv. Co. Cal.
 3/18/28 Coachella V. Riv. Co. Cal.
 3/17/28 " " " " "
 " " " " " " "
 3/17/28 Thousand Palms Can. " " "

- 5239 *Thysanocarpus laciniatus* v. *crenatus*
 40 *Arabis pulchra*
 41 ~~dissected~~ *Encelia farinosa*
 42 *Astragalus Layneae*
 43 *Phacelia breata*
 44 *Ephedra nevadensis*
 45 *Encelia frutescens* v. *actoni*
 46 *Phacelia crenulata*
 47 *Salvia funerea*
 48 *Astragalus Nuttallianus*
 49 *Gilia latiflora*
 50 *Cryptantha barbigena*
 51 *Gilia filiformis*
 52 *Gilia Matthewsii* (pale f.)
 53 *Chaenactis stericoides* v. *brachypappa*
 54 ~~dissected~~ *Criophyllum Wallacei*
 55 *Ellisia Torreyi*
 56 *Ellisia micrantha membranacea*
 57 *Gilia filiformis*
 58 *Chaenactis macrantha*
 59 *Malacothrix californica*
 60 *Barbarea pauciradiata*
 61 ~~Astragalus~~ *Coulteri*
 62 *Croton californicus*
 63 *Barbarea pleniradiata*
 64 *Pectocarya setosa*
 65 *Dithyrea californica*
 66 *Nema demissum*
 67 *Gilia Matthewsii* Gray
 68 *Pluchea sericea*
 69 *Rafinesquia neomexicana*
 70 *Chorizanthe corrugata*
 71 *Gilia latifolia*
 72 *Eschscholtzia minutiflora*

269a. *Leptostemum pluviale* Salt Spr. San Bern. Co. 4/7/28
 269b.

- 4/9/28 Dantes View Inyo Co.
 " " " " " "
 4/8/28 Bradbury's Well " "
 4/9/28 Dantes View " "
 4/9/28 Dantes View Inyo Co.
 4/10/28 Funeral Mts. near Ryan Inyo Co.
 " Ryan " "
 4/8/28 Mts. 10 mi. N. Bradbury's well " "
 4/11/28 Funeral Mts. Hole in Rock Spr. " "
 4/9/28 Dantes View " "
 4/10/28 20 mi. S. of Ryan, plateau at head of Furnace G. Wash Inyo Co. Cal.
 4/9/28 " " " " " "
 4/7/28 Salt & Lspr. San Bern. Co. Cal.
 4/12/28 Cronise V. " "
 4/9/28 Head of Furnace Cr. Wash Inyo Co.
 " " " " " "
 4/9/28 8 mi. N. Bradbury's well " "
 " " " " " "
 4/7/28 Rhodes Wash, Death V. Reg. Inyo Co. Cal.
 4/9/28 Head of Furnace Cr. Wash Inyo Co.
 4/9/28 Head of Furnace Cr. Wash Inyo Co.
 4/12/28 Cronise V. San Bernardino Co. " "
 " " " " " "
 4/12/28 Cronise V. San Bern. Co. Cal. " "
 " " " " " "
 " Yermo " " "
 " " " " " "
 " " " " " "
 4/12/28 Yermo, San Bernardino Co. Cal. " "
 4/7/28 Salt Spr. San Bernardino Co. Cal. " "
 4/8/28 Bradbury's Well. Inyo Co. " "
 4/7/28 Salt Lspr. San Bern. Co. Cal. " "
 4/7/28 Salt Lspr. San Bern. Co. Cal. " "

- 5273 *Ellisia micrantha*
 74 *Mohavea breviflora*
 75 *Dalea mollis* B. v. *mollissima*
 76 *Cleomella obtusifolia*
 77 *Lepidium lasiocarpum*
 78 *Phoradendron californicum* "
 79 *Leemnonia californica*
 80 *Peucephyllum Schottii*
 81 *Gilia ochroleuca* ?
 82 *Geraea canescens*
 83 *Barbarea pleniradiata*
 84 *Eriophyllum Wallacii*
 85 *Gilia latifolia*
 86 *Nema demissum*
 87 *Raphinesquia neomexicana*
 88 *Phacelia Fremontii*
 89 *Cryptantha barbigera*
 90 *Chorizanthe perfoliata*
 91 *Eriogonum inflatum* Torr. & Frem.
 92 *Amsinckia tessellata*
 93 *Sisymbrium brachycarpum*
 94 *Malacothrix californica*
 95 *Crepis Bigelovii*
 96 *Psathyrotes ramosissima*
 97 *Geraea canescens*
 98 *Aster abatus*
 99 *Pectocarya linearis*
 5300 *Eschscholtzia glyptosperma*
 01 *Gilia scopulorum*
 02 *Euphorbia parialii*
 03 *Gilia filiformis*
 04 *Gilia latiflora*
 05 *Pectocarya linearis*
 06 *Phacelia biolor*

- 4/7/28 Salt Spr. San Bernardino Co. Cal.
 4/7/28 Salt Spr. San Bernardino Co. Cal.
 4/8/28 5 mi. S.E. Saratoga Spr. "
 4/12/28 Yermo, San Bern. Co. Cal.
 " " " "
 4/7/28 Salt Spr. "
 4/7/28 Salt Spr. "
 " " " "
 4/8/28 Rhodes Wash, Death V. Reg. Inyo Co. Cal.
 4/7/28 Riggs V. San Bern. Co.
 4/8/28 Daggett "
 4/6/28 " "
 4/9/28 Ryan, Furnace Cr. Wash, Death V. Reg. Inyo Co.
 4/6/28 Daggett San Bern. Co.
 4/6/28 Daggett San Bern. Co.
 " Barstow "
 " Barstow "
 4/6/28 Barstow, San Bern. Co. Cal.
 4/6/28 Daggett, San Bern. Co. Cal.
 " Barstow "
 " " "
 " Barstow "
 4/8/28 Rhodes Wash Inyo Co.
 4/10/28 Furnace Cr. Ranch, Fl. of Death V. Inyo Co.
 4/11/28 Canyon above Stovepipe Wells, Funeral Mts. Inyo Co.
 4/8/28 Mts. 10 mi. n. Bradbury's Well "
 4/11/28 Hole in the Rock Spr. "
 4/6/28 Barstow S.B.Co.
 4/8/28 Rhodes Wash D.V.R. Inyo Co. Cal.
 4/10/28 Can. above Stovepipe Well, Funeral Mts. "
 4/7/28 Rhodes Wash D.V.R. Inyo Co. Cal.
 4/8/28 Bradbury's Well D.V.R. "
 " Mts. 8 mi. N. Bradbury's well "
 4/9/28 " " " "

- 5 307 *Cryptantha barbigena*
 08 *Ellisia micrantha*
 09 *Nicotiana trigonophylla*
 10 *Lepidium fremontii*
 11 *Cassia armata*
 12 *Lepidium flavum*
 13 *Malacothrix californica* var. *glabrata*
 14 *Barbeya plexiradiata*
 15 *Malacothrix sonchoides*
 16 *Gilia punctata*
 17 *Euphorbia albomarginata*
 18 *Hofmeisteria plurisetia*
 19 *Gilia inconspicua* var. *sinnuata*
 20 ~~dissecta~~ *Malacothrix californica*
 21 *Phacelia crenulata*
 22 *Monoptilon bellioide*
 23 *Dalea fremontii* v. *Saundersii*
 24 *Ellisia Torreyi*
 25 *Phacelia crenulata*
 26 *Phacelia calthifolia*
 27 *Gilia filifolia* var. *diffusa*
 28 *Phacelia calthifolia*
 29 *Dalea mollis* v. *mollissima*
 30 *Chorizanthe corrugata*
 31 *Gilia punctata*
 32 *Eriogonum Thunbergii*
 33 *Psathyotis ramosissima*
 34 *Mimulus Bigelovii*
 35 *Eschscholtzia glyptosperma*
 36 *Eriogonum inflatum*
 37 *Cryptantha micrantha*
 38 *Eriogonum reniforme*
 39 *Encelia frutescens*
 40 *Cryptantha micrantha*

- 4/4/28 Mts. 8 mi. N. Bradbury's Well Inyo Co.
 4/11/28 Hole in the Rock Spr. " "
 4/11/28 Hole in the Rock Spr. Inyo Co.
 " Amargosa Desert Nye Co.
 " Rhodes Wash Inyo.
 " Death V. Jct. Inyo Co.
 4/11/28 Amargosa Desert, Nye Co. Nye Co.
 " " " " " "
 " " " " " "
 4/11/28 Amargosa Desert, Nye Co. Nev. (Death V. Jct.)
 4/8/28 Rhodes Wash Inyo Co. Cal.
 4/8/28 5 mi. n. Bradbury's Well, D.V.R. Inyo Co. Cal.
 " Rhodes Wash " "
 " Rhodes Wash " "
 4/7/28 Rhodes Wash " "
 4/11/28 S. Old Confidence Mill " "
 4/8/28 Rhodes Wash " "
 4/7/28 S. Old Confidence Mill " "
 " Rhodes Wash " "
 4/8/28 5 mi. n. Bradbury's Well, D.V.R. Inyo Co.
 4/7/28 Rhodes Wash " "
 4/7/28 " " " " " "
 4/7/28 5 mi. s. Saratoga Spr. - " "
 4/7/28 5 mi. s. Saratoga Spr. San Bern. Co. Cal.
 4/7/28 5 mi. s. Saratoga Spr. San Bernardino Co. Cal.
 5/27/28 Etiwanda, San Bern. Co. Cal.
 4/7/28 5 mi. s. Saratoga Spr. San Bern. Co.
 4/8/28 Rhodes Wash Inyo "
 " " " " " "
 4/9/28 Plateau at Head of Furnace Cr. W. 20 mi. s. of Ryan, Inyo Co.
 4/12/28 Cronise V. San Bern. Co.
 4/8/28 5 mi. n. Bradbury's Well, Inyo Co. Cal.
 4/7/28 Salt Spr. San Bern. Co.
 4/6/28 Daggett " " "

S 341 Discarded

- 42 *Cryptantha micrantha*
- 43 Discarded
- 44 *Stillingia ~~anemosa~~ spinulosa*
- 45 *Eriogonum deflexum* var. *brachypodium*
- 46 *Eriogonum inflatum*
- 47 *Eriogonum Thomasii*
- 48 *Eriogonum Thomasii*
- 49 *Eriogonum Thomasii*
- 50 *Eriogonum ~~cecumum~~ reniforme*
- 51 *Eriogonum ~~cecumum~~ reniforme*
- 52 *Eriogonum reniforme*
- 53 *Eriogonum reniforme*
- 54 *Eriogonum gracillimum*
- 55 *Eriogonum gracillimum*
- 56 *Eriogonum pusillum*
- 57 *Chorizanthe brevicornu*
- 58 *Chorizanthe brevicornu*
- 59 *Plantago insularis* var. *fastigiata*
- 60 *Plantago insularis* var. *fastigiata*
- 61 *Plantago insularis* var. *fastigiata*
- 62 *Plantago insularis* var. *fastigiata*
- 63 *Plantago insularis* var. *fastigiata*
- 64 *Plantago insularis* var. *fastigiata*
- 65 *Scirpus Olneyi*
- 66 *Scirpus paludosus*
- 67 *Sisymbrium brachycarpum*
- 68 *Draba cuneifolia* v. *brevifolia*
- 69 *Caulanthus lasiocarpus*
- 70 *Eschscholtzia glyptosperma*
- 71 *Lygodesmia exigua*
- 72 *Eschscholtzia minutiflora*
- 73 *Eschscholtzia minutiflora* v. *darwinensis*
- 74 *Mohavea breviflora*

4/12/28 Amargosa Desert

Mage Co.

- 4/12/28 Cronise V. San Bern. Co. Cal.
4/8/28 Rhodes Wash, Inyo Co. Cal.
4/11/28 Hole in the Rock Spr. Inyo Co. Cal. Funeral Mts.
4/7/28 Salt Spr. San Bern Co. Cal.
4/6/28 Barstow, San Bern. Co. Cal.
4/6/28 Daggett, San Bern. Co. Cal.
4/11/28 A Maricopa Desert, Nye Co. Nev.
4/12/28 Cronise V. San Bern. Co. Cal.
4/9/28 Furnace Cr. Wash. Inyo Co. Cal.
4/6/28 Daggett, San Bern. Co. Cal.
4/6/28 Barstow
4/9/28 Mts. 10 mi. n. Bradbury's Well. Inyo Co. Cal.
4/6/28 ~~Daggett~~ Barstow, San Bern. Co. Cal.
4/6/28 Daggett, " " " " " " " "
4/12/28 Yermo " " " " " " " "
4/6/28 Daggett " " " " " " " "
4/11/28 Hole in the Rock Spr. Funeral Mts. Inyo Co. Cal.
4/7/28 Saratoga Spr. San Bern. Co. Cal.
4/7/28 Riggs V.
" Rhodes Wash, Inyo Co. Cal.
" Saratoga Spr. S. B. Co.
" Saratoga Spr. S. B. Co.
4/9/28 hd. Furnace Cr. Inyo " "
4/8/28 Rhodes Wash " " "
" Bradbury Well " " "
4/10/28 Ryan, Furnace Cr. Inyo Co.
4/9/28 Furnace Cr. Wash " " "
4/9/28 Rhodes Wash " " "
4/8/28 Bradbury's Well " " "
4/7/28 S. Old Confidence Mill Inyo Co.

- 5382a *Stipa speciosa* 4/8 Dantes View, Inyo Co.
- 5375 *Castilleja*
 76 *Collinsia heterophylla*
 77 *Asmorrhiza brachypoda*
 78 *Distichlis stricta*
 79 *Polypogon monspeliensis*
 80 *Festuca octoflora* v. *hirtella*
 81 *Helianthus rigida*
 82 *Pterostegia drymaroides*
 83 *Stipa speciosa*
 84 *Phoradendron californica*
 85 *Salvia columbariae*
 86 " "
 87 *Encelia frutescens*
 88 *Prosopis pubescens*
 89 *Astragalus lentiginosus* v. *Fremontii*
 90 *Perityle Emoryi*
 91 *Bebbia juncea* v. *aspera*
 92 *Lycodamia exigua*
 93 *Scleranthus meria exigua*
 94 *Acanthopappus Stockleyi*
 95 *Atriplex confertifolia*
 96 *Chaenactis carphoclinia*
 97 *Encelia frutescens* v. *actoni*
 98 *Amorcanthus acaulis*
 99 *Cryptantha angustifolia*
 5400 *Cryptantha costata*
 01 *Cryptantha*
 02 *Cryptantha*
 03 *Cryptantha circumsissa*
 04 *Cryptantha*
 05 *Cryptantha costata*
 06 *Cryptantha barbigena*
 07 *Cryptantha*
 08 *Chenopodium murale*

- 4/8/28 10 mi. N. Bradbury Well Inyo Co.
 4/11/28 San Dimas Puente Hills L.P. Co.
 3/11/28 Claremont Cobles Can. " "
 4/7/28 Salt Spr. San Bernardino Co.
 4/7/28 Salt Spr. San Bernardino Co.
 4/7/28 Dantes View Inyo Co.
 4/12/28 Yermo San Bernardino Co.
 4/11/28 Riddingsstone Can. San Dimas, L.A. Co. Cal.
 " Funeral Mts. Inyo Co.
 4/9/28 Shoshone " "
 4/8/28 Mts. 10 mi. N. Bradbury Wall " "
 " Bradbury Well " "
 " " " "
 4/9/28 Shoshone " "
 " Rlat. at hd. Furnace Cr. Wash " "
 4/7/28 Rhodes Wash Inyo Co.
 " Salt Springs San Bern. Co.
 " " " "
 4/12/28 Cronise V. " "
 4/11/28 Funeral Mts. Inyo Co.
 4/7/28 Old Confidence Mill " "
 4/7/28 Saratoga Spr. San Bernardino Co.
 4/11/28 Hole in the Rock Spr. Inyo Co.
 4/11/28 Amargosa Desert Inyo Co.
 4/6/28 Daggett San Bern. Co.
 4/7/28 " " "
 " " " "
 " Saratoga Spr. " "
 4/12/28 Yermo " "
 4/4/28 Dantes View Inyo " "
 4/7/28 Riggs V. San Bern. Co.
 " Rhodes Wash Inyo " "
 " " " " " "
 " " " " " "
 4/8/28 Bradbury's well " "

- 5409 *Eriophyllum ambiguum*
 10 *Atriplex polycarpa*
 11 *Sarcobatus vermiculatus*
 12 *Grayia spinosa*
 13. *Stylocline gnaphalioides* Nutt.
 14 *Galium stellatum*
 14a *Nemacladus glandulosus* var. *orientalis* MacDougl.
 15 *Dalea Fremontii* var. *laundersii*
 16. *Amphispappus fremontii* T. & G.
 17 *Festuca dertonensis*
 18 *Physalis crassifolia*
 19 *Grayia spinosa*
 20 *Nemacladus rubescens* var. *tenuis*
 21. *Senecio mohavensis*
 22 *Cressa truxillensis*
 23 *Streptanthella longirostris*
 24 *Nitrophila occidentalis*
 25 *Bromus mollis* rubens
 26 *Phacelia*
 27 *Stylocline micropoides*
 28 *Gilia californica*
 29 *Streptanthella longirostris*
 30 *Cryptantha*
 31 *Nemacladus rubescens* Greene
 32 *Nemacladus rubescens* Greene
 33 *Nemacladus rubescens* Greene
 34 *Gilia pedunculata*
 35 *Oligomeris linifolia*
 36 *Sphaeralcea ambigua*
 37 *Mentzelia albicaulis*
 38 *Oligomeris linifolia*
 39 *Malvastrum rotundifolium*
 40 *Tidestromia oblongifolia*
 41 *Anemopsis californica*
 42 *Malvastrum rotundifolium*

- 4/8/28 Bradbury's Well Inyo Co.
 4/11/28 Amargosa Desert Inyo Co.
 4/11/28 Death V. Jct. Amargosa Desert Inyo Co.
 4/6/28 Barstow San Bern. Co.
 4/8/28 5 mi. N. Bradbury's Well Inyo Co.
 4/8/28 8 mi. N. Bradbury's Well Inyo Co.
 4/11/28 near Hole in Rock Spr. Funeral Mts. " "
 4/8/28 Rhodes Wash " "
 4/7/28 Rhodes Wash Inyo Co.
 " " " " "
 4/9/28 Plateau at head of Furnace Cr. Wash. " "
 4/7/28 " " " " "
 4/6/28 Rhodes Wash " "
 4/7/28 Saratoga Spr. S.B. Co.
 4/10/28 Hole in the Rock Spr. Funeral Mts. Inyo Co.
 4/7/28 Saratoga Spr. S.B. Co.
 4/9/28 Furnace Creek Wash Inyo Co.
 4/12/28 Yermo, San Bern. Co.
 4/7/28 Salt Spr. San Bern. Co.
 4/7/28 Salt Spr. San Bernardino Co. Calif.
 4/12/28 Yermo, " "
 4/7/28 Riggs V. " "
 4/12/28 Cronise V. " "
 4/6/28 Daggett " "
 4/6/28 Daggett " "
 4/11/28 Puente Hills, San Dimas. Los Angeles Co.
 3/17/28 Thousand Palms C. Riverside Co.
 4/8/28 Mts. 10 mi. n. Bradbury's Well, Inyo Co. Cal.
 " Bradbury's Well " "
 4/9/28 Ryan, Furnace Cr. Wash D.V.R. " "
 4/10/28 Funeral Mts. Can. above Stove Pipe Wells " "
 4/7/28 Saratoga Spr. San Bern. Co. Cal.
 " " " " "

- 5443 *Mentzelia gracilentia* var. *Veatchiana*
 44 *Menodora spinescens*
 45 *Hesperocallis undulata*
 46 *Lesquerium verrucosum*
 47 *Thamnosma montana*
 48 *Malvastrum rotundifolium*
 49 *Mentzelia reflexa*
 50 *Eucnide urens*
 51 *Achyrocline Cooperi*
 52 *Garrya Veatchii*
 53 *Oligomeris linifolia*
 54 *Juncus Cooperi*
 55 *Mentzelia albicaulis*
 56 *Nemacladus rigidus* var. *rubescens*
 57 *Furnastrum hirtellum*
 58 *Lupinus shockleyi*
 59 *Lupinus odoratus*
 60 *Lupinus brevicaulis* Wats. ?
 61 discarded
 62 discarded
 63 *Nicotiana glauca*
 64 *Matricaria matricarioides*
 65 *Lactuca scariola*
 66 *Lonchus oleraceus*
 67 discard
 68 *Chenopodium album*
 69 *Grapphalium spathulatum*
 70 *Portulaca oleracea*
 71 *Microseris ~~binaifolia~~ ? montana?*
 72 *Phacelia brachyloba*
 73 *Phorad*
 74 *Erigeron foliosus*
 75 *Phoradendron densum*
 76 *Arabis Fairshii*

- 4/9/28 Dante's View, D.V.R. Inyo Co. Cal.
 4/8/28 Plateau at head of Furnace G.W., Inyo Co.
 4/11/28 5 mi. n. of Yermo, San Bern. Co. Cal.
 4/10/28 Silver Lake
 4/9/28 20 mi. s. of Ryan, ^{head of} Furn. G. Wash., Inyo Co. Cal.
 4/10/28 Ryan
 4/8/28 7 mi. s. of Old Confidence Mill
 4/7/28 5 mi. s. of Saratoga Spr. San Bern. Co.
 4/6/28 Cajon Pass
 4/7/28 Riggs V.
 4/6/28 Saratoga Spr.
 4/6/28 Daggett
 4/7/28 Salt Spr.
 4/10/28 Cronise V.
 4/7/28 Rhodes Wash Inyo Co.
 4/9/28 Dante's View D.V.R.
 4/15/28 Claremont, Los Angeles Co
 4/22/28 Cashenbury Spr. San Bernardino Co., Cal.
 Devore
 Cashenbury Can.
 Devore
 Cashenbury Can.
 Baldwin Lake, San Bernardino Mt.

- 5477 *Lomatium nevadense* var. *Parishii*
 78 *Collinsia parviflora*?
 79 *Viola Douglasii*
 80 *Astragalus Purshii* var. *lectulus*
 81 *Malacothrix Clevelandii*
 82 *Tetradymia spinosa* var. *longispina*
 83 *Phlox austromontana* var. *vera*
 84 *Trifolium microcephalum*
 85 *Salazaria mexicana*
 86 *Arctostaphylos pungens*
 87 *Eriogonum penduliflorum*
 88 *Phoradendron villosum*
 89 *Quercus chrysolepis*
 90 *Gilia virgata* var. *ambigua*
 91 *Potentilla argyrocoma*
 92 *Purshia glandulosa*
 93 *Briellia arguta*
 94 *Ranunculus californicus* var. *Ludovicianus*
 95 *Coleogyne ramosissima*
 96 *Calyptridium monandrum*
 97 *Scutellaria tuberosa*
 98 *Microsteris gracilis*
 99 *Potentilla gracilis*
 5500 *Atriplex confertifolia*?
 01 *Eremocarpus setigerus*
 02 *Micropus californicus*
 03 *Chorizanthe Parryi*
 04
 05 *Chorizanthe procumbens*
 06
 07
 08
 09 *Castilleja foliolosa*
 10 *Helianthus gracilentus*

- 4/22/28 Baldwin Lake, San Bernardino Mt. San Bern. Co. Cal.
 .. Bear Valley
 ..
 .. Baldwin Lake
 .. Devore
 .. Cushenbury Ranch
 .. Baldwin Lake
 .. Devore
 .. Cushenbury Can.
 .. near Lake Arrowhead
 .. Devore
 .. Cushenbury Can.
 ..
 .. Victorville
 .. Bear Valley
 .. Cushenbury Ranch
 .. Victorville
 .. Bear Valley
 .. Cushenbury Ranch
 .. Devore
 ..
 .. Bear Valley San Bern. Mt.
 ..
 .. Cushenbury Spr.
 5/1/28 Claremont, Indian Hill, Los Angeles Co. Cal.
 ..
 ..
 ..
 5/1/28
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 ..
 ..
 May 1928 San Antonio Can. Mts. above Claremont, Los Angeles Co.

5 545

- 46 *Apiastrum angustifolium*
- 47 *Orobanche fasciculata*
- 48 *Collinsia Parryi*
- 49 *Nemacladus ramosissimus*
- 50 *Ellisia chrysanthemifolia*
- 51 *Styrax officinalis* var. *fulvescens*
- 52 *Mimulus longiflorus*
- 53 *Pterostegia drymarioides*
- 54 *Juncus mexicanus*
- 55 *Malvastrum exile*
- 56 *Sisymbrium pinnatum*
- 57 *Lepidium Fremontii*
- 58 *Stillingia linearis* var. *paucidentata*
- 59 *Hymenoclea salsola*
- 60 *Eriogonum inflatum*
- 61 *Chorizanthe brevicornu*
- 62 *Chaenactis carphodeni* var. *attenuata*
- 63 *Gilia latiflora*
- 64
- 65 *Oenothera deserticans* var. *desertorum*
- 66 *Eriogonum angulosum*
- 67 *Eriogonum nidularium*
- 68 *Gilia Matthewsii*
- 69 *Eriogonum pusillum* 7, + 9.
- 70 *Eurotia lanata*
- 71 *Lycium Torreyi*
- 72 *Salvia carnosae*
- 73 *Lupinus concinnus*
- 74 *Lupinus odoratus*
- 75 *Glyptopleura marginata* var. *setulosa*
- 76 *Chorizanthe Thurberi*
- 77 *Juniperus californicus*
- 78 *Coreopsis calliopsidea*?

- 4/21/28 Hills south of Devore, San Bernardino Co.
 4/21/28 Hills south of Devore, San Bernardino Co.
 4/21/28 Hills south of Devore, San Bernardino Co.

Camp Cajon
 Victorville

10 mi S.

- 5579 *Layia glandulosa*
 80 *Gilia Schottii*
 82 *Calyptidium monandrum*
 84 *Gilia Parryi*
 83 *Lomatium nevadense* var. *Parishii*
 84 *Aster abatus*
 85 *Pectocarya platycarpa*
 86 ~~*Pectocarya*~~ *linearifolia*
 87 *Cercocarpus betuloides* Nutt.
 88 *Cryptantha muricata*
 89 *Gilia capitata* var. *achillaeifolia*
 90 *Mimulus brevipes* Benth.
 91 *Oenothera micrantha*
 92 *Gnaphalium californicum* DC.
 93 *Emmenanthe penduliflora* L.
 94 *Filago californica*
 95 *Antirrhinum strictum*
 96 *Ceanothus divaricatus*
 97 *Styrax officinalis* L. var. *fulvescens*
 98 *Adenostoma fasciculata*
 99 *Mulla serotina*
 5600 *Cryptantha intermedia*
 01 *Meconella oregana* var. *californica*
 02 *Platystemon californicus*
 03 *Scrophularia californica*
 04 *Godetia quadrivulnera*
 05 *Gilia dianthoides*
 06 *Chaenactis glabriuscula* var. *tenuifolia*
 07 *Oenothera micrantha* var. *jonesii*
 08 *Silene antirrhina*
 09 *Oenothera bistorta* var. *Veitchiana*
 10 *Mentzelia micrantha*
 11 *Chorizanthe Parryi*
 12 *Oenothera leptocarpa*

4/21/28 10 mi. s. Victorville, San Bernardino Co.

Cajon Pass,

Hills s. of Devore

Etiwanda

2 mi. n.

May 1928 San Antonio Can. Mts. above Claremont, Los Angeles Co.

4/21/28 Devore (Hills s. of) San Bernardino Co.

Etiwanda

Hills s. of Devore

Etiwanda

Hills s. of Devore

Etiwanda

Hills s. of Devore

Etiwanda

Hills s. of Devore

5623a Phacelia ramosissima var. suffrutescens
May 1928 City Cr. Gr. San Bern Co.

- 5613 Gilia virgata var. dasyacantha
- 14 Monardella lanceolata
- 15 Orobancha tuberosa
- 16 Iris Hartwegii Baker var. australis Parish
- 17 Ceanothus cordulatus
- 18 Pedicularis semibarbata
- 19 Erysimum asperum (Mutt.) DC.
- 20 Arabis Holboellii var. retrofracta
- 21 Potentilla gracilis
- 22 discarded
- 23 Mentzelia dispersa
- 24 Chorizanthe staticoides
- 25 Encelia farinosa Eleocharis acicularis
var. occidentalis
- 26 Encelia farinosa
- 27 discarded
- 28 Gnaphalium californicum
- 29 Trichostema lanatum
- 30 Castilleja foliolosa
- 31 Godetia Dudleyana
- 32 Rafinesquina californica
- 33 Lepidium ~~mitis~~ ?
- 34 Gilia ~~simplex~~
- 35 Dendromecon rigida
- 36 Erigeron foliosus
- 37 Godetia Botthae var. deflexa
- 38 Bromus orcuttianus var. grandis
- 39 Antirrhinum glandulosum
- 40 Dicentra chrysantha
- 41 Cryptantha ~~f. rosea~~ ?
- 42 Cirsium acanthescent
- 43 Godetia epilobioides
- 44 Rorippa curvisiliqua
- 45 Taraxacum californicum
- 46 Veronica serpyllifolia var. humifusa

May 1928 Etiwanda San Bernardino Co.

- City Creek Gr.
near L. Arrowhead
City Creek Grade
near Lake Arrowhead
Waterman Can.
City Cr. Grade
near L. Arrowhead

City Cr. Grade
Etiwanda
near Lake Arrowhead
City Creek Gr.

- near Lake Arrowhead
City Creek Grade

near Lake Arrowhead

- 5647 *Poa pratensis*
48 *Ranunculus cymbalaria* var. *saximontanus*
49 *Carex teneraeformis*?
50 *Lisymbium altissimum*
51 *Fraxinus dipetala*
52 *Nemophila rotata* var. *integrifolia*
53 discarded
54 *Ceanothus crassifolius*
55 *Pickeringia montana* var. *tormentosa*
56 *Cornus Nuttallii*
57 *Gilia ciliata*
58 *Collinsia Childii*
59 discarded
60 discarded
61 *Lupinus concinnus*
62 *Iris Hartwegii* var. *australis*
63
64 *Oenothera dentata* var. *Parishii*
65 *Gazophytum*
66 *Astragalus pomonensis*
67 *Polygonum bistortoides*
68 *Viola perpurea*
69
70 *Gilia ciliata*
71 *Veronica americana*
72 *Gilia brevicula*
73 *Mimulus Palmeri*
74 *Phacelia curvipes*
75 *Arabis*
76 *Phacelia curvipes* var. *Davidsonii* f. *macrantha*
77 *Lotus agrophyllus* var. *decorus*
78 *Luzula campestris* var. *comosus*
79 *Hypericum anagalloides*
80 *Potentilla glandulosa* var. *reflexa*

May 1928 Near Lake Arrowhead

San Bernardino Co.

top of City Creek Grade

near Lake Arrowhead
Rim of the World Drive

Ptiwanda

near Lake Arrowhead
Rim of the World Drive

near Lake Arrowhead
Rim of the World Drive

Waterman Can

near Lake Arrowhead
~~Rim of the~~
Rim of the World Drive
Silver Lake

near Lake Arrowhead
Rim of the World Drive,

- 5681 *Chorizanthe parryi*
 82 *Ribes nevadense* Kell.
 83 *Amarpha californica*?
 84 *Salix lasiandra* v. *lanceifolia*
 85 *Senecio vulgaris*
 86 *Atriplex confertifolia*
 87 *Encelia californica*
 88 *Abronia maritima*
 89 *Zostera marina*
 90 *Solanum elaeagnifolium*
 91 *Eriogonum Thurberi*
 92 *Vicia californica* Greene
 93 *Pinus attenuata* Lemmon
 94 *Oenothera biortata* Hook. var. *vaichiana* Hook.
 95 *Madia exigua* (Lm.) Greene
 96 *Lotus americanus* (Muhl.) Bisch.
 97 *Vitis girdiana*
 98 *Asclepias mexicana*
 99 *Lactaria sphaerulata* det Swallen
 5700 *Rorippa curvisiliqua*
 1 *Galvezia*
 2 *Plantago lanceolata*
 3 *Echinochloa crusgalli*
 4 *Eragrostis diffusa*
 5 *Gnaphalium palustre*
 6 *Solanum villosum*
 7 *Solanum nigrum*
 8 *Hemizonia Wrightii* var. *Kelloggii*
 9 *Jussiaea californica*
 10 *Cryptantha*
 11 *Beloperone californica*
 12 *Pyxis Emouyi*
 13 *Pyxis californica*
 14 *Lotus scoparius* var. *brevialatus*

- May 1928 Etiwanda ~~near Lake Arrowhead~~ San Bernardino Co.
 " " near Lake Arrowhead
 " " City Creek gr.
 3/2/29 San Dimas S.D. Co.
 " " " " " "
 10/30/28 Laguna Beach Orange Co.
 3/9/29 Balboa Bay Orange Co.
 " " " " " "
 3/9/29 Newport Bay Orange Co.
 5/19/29 Claremont S.D. Co.
 " " " " " "
 May 1928 Rim of the World Dr., San Bernardino Mts., S.D. Co.
 " " Top of City Creek grade, S. Bern. Mts.
 " " Etiwanda
 " " City Creek grade
 " " " " " "
 " " City Creek
 June 1928 Stockton San Joaquin Co. Cal.
 " " Turlock Stanislaus Co.
 " " " " " "
 12/17/27 Punta Banda, Todos Santos Bay, 20 mi. S. Ensenada Baja Calif. Mex.
 June 1928 Turlock Stanislaus Co. Cal.
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 " " " " " "
 3/30/29 Palm Springs, Andreas Canyon Riverside Co.
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 " " " " " "

- 5749 *Vicia ~~salva~~ exigua* Mutt.
 50 *Salvia mellifera*
 51 *Lathyrus strictus*
 52 *Trifolium amplexens* var. *stenophyllum*
 53 *Bowlesia incana*
 54 *Pectocarya linearis* var. *ferocula*
 55 ~~56~~ *Thysanocarpus laciniatus* var. *ramosus*
 55 ~~57~~ *Plantago Hookeriana* var. *californica*
 57 *Convolvulus occidentalis* var. *cyclostegius*
 58 *Viola pedunculata*
 59 *Galium aparine*
 60 *Astragalus leucopsis*
 61 *Quercus dumosa*
 62 *Crocosoma californica*
 63 *Mirabilis laevis*
 64 *Echinocystis macrocarpa*
 65 *Rhamnus crocea* var. *insularis*
 66 *Lotus scoparius* var. *dendroideus*
 67 *Artemisia californica*
 68 *Echinocystis macrocarpa*
 69 *Echinocystis macrocarpa*
 70 *Solanum Xanti* var. *Wallacei*
 71 *Eriophyllum confertiflorum* var. *trifidum*
 72 *Prunus Lyonii*
 73 *Heterotheca grandiflora*
 74 *Ceanothus arboreus*
 75 *Ellisia chrysanthemifolia*
 76 *Symphoricarpos albus* var. *mollis*
 77 *Phacelia hispida*
 78 *Trifolium involueratum* Orl. ?
 79 *Lotus argophyllum* var. *ornithopus*
 81 ~~80~~ *Spergularia macrotheca*
 80 ~~81~~ *Crocosoma gigantea*
 82 *Perityle Emoryi*

5749a *Thysanocarpus laciniatus* aff. var. *conclupifera*
 Avalon Can. Sta. Cat. 9, L.A. Co.

5759a *Hemiphysalis racemosa*
 Hamilton C. Sta. Cat. 9, L.A. Co.

4/6/1929 Avalon Can. Santa Catalina I. Los Angeles Co.

4/7/29 Hamilton Can.

4/8/29 near St. Catharine Hotel
 Avalon-Pebbly Beach Rd.

4/8/29 Avalon - Pebbly Beach, Rd. Santa Catalina I. P.A.Co.

5/4/29 Upper San Felipe Valley San Diego Co

San Luis Rey River 9 mi above Oak Grove " "
Upper San Felipe Valley San Diego Co " "

San Luis Rey River 9 mi above Oak Grove " "
Palm Canyon Borrego Valley San Diego Co.
Upper San Felipe Valley " " "
" " " " " "

.. Sentenac Can.
5/5/29 Sentenac Can. .. San Diego Co.

5/4/29 Palm Can. Bongo V. " " "

5/4/39	Upper San Felipe V.
"	Palm Can. Berugo V.

28	22	20	18	16	14	12	10	8	6	4	2
27	21	19	17	15	13	11	9	7	5	3	1
26	20	18	16	14	12	10	8	6	4	2	0
25	19	17	15	13	11	9	7	5	3	1	-1
24	18	16	14	12	10	8	6	4	2	0	-2
23	17	15	13	11	9	7	5	3	1	-1	-3
22	16	14	12	10	8	6	4	2	0	-2	-4
21	15	13	11	9	7	5	3	1	-1	-3	-5
20	14	12	10	8	6	4	2	0	-2	-4	-6
19	13	11	9	7	5	3	1	-1	-3	-5	-7
18	12	10	8	6	4	2	0	-2	-4	-6	-8
17	11	9	7	5	3	1	-1	-3	-5	-7	-9
16	10	8	6	4	2	0	-2	-4	-6	-8	-10
15	9	7	5	3	1	-1	-3	-5	-7	-9	-11
14	8	6	4	2	0	-2	-4	-6	-8	-10	-12
13	7	5	3	1	-1	-3	-5	-7	-9	-11	-13
12	6	4	2	0	-2	-4	-6	-8	-10	-12	-14
11	5	3	1	-1	-3	-5	-7	-9	-11	-13	-15
10	4	2	0	-2	-4	-6	-8	-10	-12	-14	-16
9	3	1	-1	-3	-5	-7	-9	-11	-13	-15	-17
8	2	0	-2	-4	-6	-8	-10	-12	-14	-16	-18
7	1	-1	-3	-5	-7	-9	-11	-13	-15	-17	-19
6	0	-2	-4	-6	-8	-10	-12	-14	-16	-18	-20
5	-1	-3	-5	-7	-9	-11	-13	-15	-17	-19	-21
4	-2	-4	-6	-8	-10	-12	-14	-16	-18	-20	-22
3	-3	-5	-7	-9	-11	-13	-15	-17	-19	-21	-23
2	-4	-6	-8	-10	-12	-14	-16	-18	-20	-22	-24
1	-5	-7	-9	-11	-13	-15	-17	-19	-21	-23	-25
0	-6	-8	-10	-12	-14	-16	-18	-20	-22	-24	-26
-1	-7	-9	-11	-13	-15	-17	-19	-21	-23	-25	-27
-2	-8	-10	-12	-14	-16	-18	-20	-22	-24	-26	-28
-3	-9	-11	-13	-15	-17	-19	-21	-23	-25	-27	-29
-4	-10	-12	-14	-16	-18	-20	-22	-24	-26	-28	-30
-5	-11	-13	-15	-17	-19	-21	-23	-25	-27	-29	-31
-6	-12	-14	-16	-18	-20	-22	-24	-26	-28	-30	-32
-7	-13	-15	-17	-19	-21	-23	-25	-27	-29	-31	-33
-8	-14	-16	-18	-20	-22	-24	-26	-28	-30	-32	-34
-9	-15	-17	-19	-21	-23	-25	-27	-29	-31	-33	-35
-10	-16	-18	-20	-22	-24	-26	-28	-30	-32	-34	-36
-11	-17	-19	-21	-23	-25	-27	-29	-31	-33	-35	-37
-12	-18	-20	-22	-24	-26	-28	-30	-32	-34	-36	-38
-13	-19	-21	-23	-25	-27	-29	-31	-33	-35		

5783 *Lupinus succulentus*
 84 *Malacothrix incana*
 85 *Castilleja ~~foliolosa~~ hololeuca*
 86 *Kentranthus rubra*
 87 *Spergularia*
 88. *Oenothera leptocarpa* Greene
 89 *Eriogonum nudum*
 90 *Oenothera biortia* var *Hallii*
 91 *Lupinus*
 92 *Antirrhinum Coulterianum*
 93 *Mirabilis Froebelii*
 94 *Lupinus cominus*
 95 *Detaxis lanceolata*
 96. *Juniperus californica*
 97 *Phoradendron densum*
 98 *Condalia Parryi*
 99 *Euphorbia albomarginata*
 5800 *Euphorbia melanadenia*
 1 *Eriogonum fasciculatum* var. *polifolium*
 2 *Eriogonum baileyi*
 3 *Encelia farinosa*
 4 *Sphaeralcea ambigua*
 5 Discarded
 6 *Lepidium lasiocarpum*
 7 *Gilia Schottii*
 8 *Yucca bryonius*
 9 *Mirabilis tenuiloba*
 10 *Polypogon monspeliensis*
 11 *Boottiaea caribaea*
 12 *Eriogonum reniforme*
 13 *Eriogonum fasciculatum* v. *polifolium*
 14 Discarded
 15 *Eriogonum inflatum*
 16 *Prosopis chilensis* v. *glandulosa*

- 5817 *Bibbia juncea*
 18 *Galium stellatum* var. *eremicum*
 19 *Salix Hindsiana* var. *leucodendroides*
 20 *Lotus rigidus*
 21 *Pluchea sericea*
 22 *Phacelia*
 23 *Eleocharis parishii* Britt.
 24 *Datisca glomerata*
 25 *Sonchus asper*
 26 *Nicotiana trigonophylla*
 27 *Chaenactis artemisiifolia*
 28 *Viguiera deltoidea* v. *Parishii*
 29 *Phacelia*
 30 *Krameria parvifolia* v. *imparata*
 31 *Rumex acetosella*
 32 Discarded
 33
 34 *Isomeris arborea*
 35
 36 *Viguiera deltoidea* var. *Parishii*
 37 *Cucurbita palmata*
 38 *Scirpus californicus* (Mey) Britt.
 39 *Amorpha fruticosa*
 40 *Baccharis viminea*
 41 *Lotus argyralis*
 42 *Gilia inchoepicus*
 43 *Funastrum heterophyllum*
 44 *Platanus racemosa*
 45 *Ranunculus aquatilis*
 46 *Dalea spinosa*
 47 discarded
 48 *Eriogonum inflatum*
 49 *Symphoricarpos albus*, var. *mollis*
 50 *Quercus Kelloggii*

- 5/4/29 Palm Can. Borego Valley San Diego Co.
 5/4/29 Palm Can. of Borego Valley, San Diego Co.
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 " " " " " " "
 5/5/29 Julian " " "
 " " Sentenas Canyon " " "
 5/5/29 Sentenas Canyon " " "
 5/5/29 " " " " "
 5/4/29 Mouth of Palm Can. Borego V. " " "
 " Palm Can. Borego V. " " "
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 5/5/29 Julian " " "
 " Yagui Well, San Felipe Wash " " "
 " " " " " " "
 " Palomar Mts. " " "
 " " " " " " "

- 51 *Quercus Kelloggii*
- 52 *Sidalcea malvaeflora*
- 53 *Pinus Coulteri*
- 54 *Ranunculus californicus*
- 55 *Platystemon californicus*
- 56 *Mimulus puniceus*
- 57 *Calochortus splendens*
- 58 *Oenothera micrantha* var. *Jonesii*
- 59 " *historta* var. *Sutcliffeana*
- 60 *Antirrhinum Coulterianum*
- 61 *Phacelia grandiflora*
- 62 *Viola purpurea*
- 63
- 64 *Clematis pauciflora*
- 65 *Agelias californica*
- 66 *Lathyrus latiflorus*
- 67 *Oenothera divaricata*
- 68 *Collinsia concolor*
- 69 *Oenothera contorta* var. *epilobioides*
- 70 *Arenaria Douglasii*
- 71 *Solanum Xanti* var. *glabrescens*
- 72 *Thysanocarpus laciniatus*
- 73 *Miconella Oregona* var. *denticulata*
- 74 *Senecio californicus*
- 75 *Clarkia delicata*
- 76
- 77 *Baccharis viminea*
- 78 *Melilotus indica*
- 79 *Vitis girdiana*
- 80 *Lotus eriophorus*
- 81 *Alnus rhombifolia*
- 82 *Haplopappus squarrosus*
- 83 *Arctostaphylos canescens*
- 84 *Lupinus concinnus* var. *Agardhianus*

- | | | |
|--------|--------------------------------|---------------|
| 5/5/29 | Palomar Mts. | San Diego Co. |
| " | Julian | " |
| " | Palomar Mts. | " |
| " | Julian | " |
| " | Santa Ysabel Ranch | " |
| " | Hills above La Jolla Ind. Res. | " |
| " | 3 miles above Pala | " |
| " | 10 " " " | " |
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| " | " " " " | " |
| " | Palomar Mts | " |
| " | San Felipe River above Banner | " |
| " | " " " " | " |
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| 5/5/29 | San Felipe R. above Banner | San Diego Co. |
| 5/5/29 | San Felipe R. above Banner | San Diego Co. |
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| " | Banner | San Diego Co. |
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| " | San Felipe River above Banner | " |
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5885 *Eriodictyon trichocalyx* v. *lenatum*

86 *Trifolium variegatum*

87 *Castilleja foliolosa*

88 *Lithophragma affinis*

89 *Rhamnus crocea* var. *ilicifolia*

90 *Valeriana arguta*

91 *Prunus eriogyna*

92 *Quercus dumosa*

93a *Setaria parviflora*

93 *Lithrum californicum*

94 *Gastrophysalis ventricosum*

95 *Chenopodium ambrosioides*

96 *Eriogonum fasciculatum*

97 *Isomeris arborea*

98 *Lycium californicum*

99 *Hemizonia*

5900 *Artemisia californica*

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2 *Encelia californica*

3 *Atriplex californica*

4 *Rhus integrifolia*

5 *Aplopappus venetus* v. *vernonioides*

6 *Atriplex semibaccata*

7 *Suaeda californica*

8 *Juncus balticus*

9 *Frankenia grandifolia*

10 *Salix lasiolepis*

11 *Verbena prostrata*

12 *Jacmea carnosus*

13 *Amorpha fruticosa*

14 *Artemopsis californica*

15 *Scirpus Olneyi*

16 *Oenothera sarmentosa*

17 *Mimulus guttatus*

18 *Aplopappus venetus* v. *vernonioides*

5/5/29 San Felipe R. above Banner San Diego Co.

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6/8/29

Divers Cove, Laguna Beach

Orange Co.

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6/8/29

San Mateo River

San Diego Co

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San Anofre

San Mateo R.

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F. R. For

FROM

Plant Biology

Steven P. Darwin

- 5953 *Coreopsis gigantea* (Kell.) Hall
 54 *Artemisia californica*
 55 *Baccharis viminea*
 56 *Silene gallica*
 57 *Photinia arbutifolia*
 58 *Gnaphalium bicolor*
 59 *Rhus integrifolia*
 60 *Dentaria integrifolia* v. *californica*
 61 *Avena barbata*
 62 *Tillaea erecta*
 63 *Mimulus guttatus*
 64 *Stellaria media*
 65 *Convolvulus occidentalis* v. *macrostegius*
 66 *Lepechinia calycina* v. *Wallacei*
 67 *Rhus diversiloba*
 68 *Quercus agrifolia*
 69 *Plantago hookeriana* v. *californica*
 70 *Lotus subpinnatus*
 71 discarded
 72 *Quercus Wilkizenii*
 73 discarded
 74 *Trifolium microcephalum*
 75 *Pterostegia drymaroides*
 76 *Venegasia carpesioides*
 77 *Lotus strigosus*
 78 *Mimulus longiflorus* ?
 79 *Prunus fasciculata*
 80 *Potentilla saxosa*
 81 *Pinus monophylla*
 82 *Rhamnus crocea* var. *ilicifolia*
 83 discarded
 84 discarded
 85 *Baccharis serpylloides*
 86 *Rhus trilobata* var. *anisophylla*

- 3/26/29 Santa Cruz Island, Eatons Camp Sta. Barb. Co.
 " " " " " "
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 3/25/29 " " " " w. Eatons
 " " " " " "
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 " " " " " "
 3/26/29 " " " " near Eatons
 " " " " " "
 " " " " " "
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 3/25/29 " " " " w. " "
 " " " " " "
 3/24/29 " " " " near Ranch
 " " " " " "
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 " " " " " "
 5/12/29 ^{above} Keys Ranch, Riverside Co.
 " ^{above} " " " "
 " ^{above} " " " "
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F. R. For

FROM

Steven P. Darwin
Plant Biology

S987 *Acacia feggia*

88

89 *Baccharis sarothroides*90 *Amsonia brevifolia*91 *Amsonia brevifolia* var. *tomentosa*92 *Tetradymia spinosa* var. *longispina*93 *Lycium Andersonii*?94 *Pucephyllum Schottii*95 *Tetradymia spinosa* var. *longispina*96 *Acanthopappus sphaerocephalus*97 *Chorizanthe staticoides*98 *Gilia eremica*99 *Molina Parryi*

S1000

1 discarded

2 *Gnaphalium chilense*3 *Gnaphalium chilense*4 *Scirpus validus* Vahl5 *Polypogon monspeliensis*6 *Cyperus erythrorhizos*7 *Juncus bufonius*8 *Gnaphalium palustre*9 *Cressa truxillensis*10 *Lonchus asper*11 *Lida hederacea*

12 discarded

13 *Epilobium californicum*14 *Cynodon dactylon*15 *Polygonum aviculare*16 *Salix Goodingii*17 *Centaurea melitensis*18 *Rumex crispus* L.

19 discarded

20 *Verbena bracteata*

5/12/29 above Keys Ranch

Riverside Co.

wash below Keys Ranch

above

wash below

bet. Whitewater & Cabazon

above Keys Ranch

5/23/29 Upper Laguna Lake

Orange Co.

F. R. Foote

FROM

Dent Biology

Steven P. Darwin

- 510 21 *Salix gooddingii*
 22 *Picris echioides*
 23 *Lotus americanus*
 24 *Calyptridium monandrum*
 25 *Oenothera californica*
 26 *Eriogonum Thurberi*
 27 *Mimulus Fremontii*
 28 *Penstemon antirrhinoides*
 29 *Galium angustifolium*
 30 *Scrophularia californica*
 31 *Phacelia distans*
 32 *Lupinus formosus*
 33 *Malvastrum fasciculatum*
 34 *Pectocarya linearis* v. *ferocula*
 35 *Castilleja*
 36 *Mimulus brevipes*
 37 *Asclepias californica*
 38 *Mirabilis laevis*
 39 *Ellisia chrysanthemifolia*
 40 *Yucca mohavensis*
 41 *Rhamnus crocea*
 42 *Rorippa nasturtium*
 43 *Colula coronopifolia*
 44 *Scirpus americanus*
 45 *Scirpus Olneyi*
 46 *Juncus xiphioides*
 47 *Mimulus guttatus*
 48 *Ranunculus cymbalaria* v. *saximontanus*
 49 *Scirpus paludosus*
 50 *Eleocharis*
 51 *Epilobium*
 52 *Artemisia tridentata*
 53 *Rumex crispus*
 54 *Astragalus pomonensis*

5/23/29 Upper Laguna Lake Orange Co.

5/4/29 Oak Grove S. D. Co.

5/3/29 Palomar Mts. Head of Temecula V. Riv. Co.
 5/3/29 Palomar Mts. Head of Temecula V. " "

ditto

Temecula Riv. Bridge above Inland Route Br. " "

ditto

Upper Temecula V.
 Temecula R. above Inland Route Br.
 Upper Temecula V.

F. R. For

FROM

Steven P. Darwin
 Bent Biology

- 51055 *Salvia carduacea*
 56 *Oenothera litorata* v. *Veitchiana*
 57 *Abronia villosa*
 58 *Plagiobothrys*
 59 *Chaenactis glabrescens*
 60 *Oenothera contorta* v. *epitobica*
 61 *Oenothera litorata* v. *Veitchiana*
 62 *Sisymbrium altissimum*
 63 *Astragalus Douglasii*
 64 *Eriogonum Thunbergii*
 65 *Phacelia hispida*
 66
 67 *Phacelia minor*
 68 *Lathyrus strictus*
 69 *Adenostema sparsifolium*
 70 *Eriodictyon crossifolium*
 71 *Mimulus longiflorus*
 72 *Argemone platyceras*
 73 *Oenothera micrantha* v. *ignota*
 74 *Chaenactis*
 75 *Phoradendron longispicum*
 76
 77 *Chorizanthe brevicornis*
 78 *Eriogonum gracile*
 79 *Cassia armata*
 80 *Fouquieria splendens*
 81 *Beloperone californica*
 82 *Agave deserti*
 83 *Atriplex*
 84 *Euphorbia Emoryi*
 84a *Euphorbia lineata* v. *arenata*
 85 *Trifolium californicum*
 86 *Sisymbrium brachycarpum*
 87 *Cryptantha*
 88

5/3/29 Upper Temecula V.
 Temecula R. 10 mi above Temecula

ditto

Head Temecula V.

V. near Aguaanga

Head of Temecula V

5/4/29 Upper San Felipe V

S.D.C.

Lower San Felipe C.

Borego V

Lower San Felipe C. below Yagui Wells
 " " " " above
 " " " " below

Borego V.

" " mouth of Palm Can.

ditto

- 51089 *Echiochloa*
 90. *Hulsea vestita callicarpa* Hall
 91 *Layia*
 92 *Nemophila rotata* v. *integrifolia*
 93 *Lotus strigosus*
 94 *Sisymbrium pinnatum*
 95 *Collinsia concolor*
 96 *Lupinus concinnus* v. *Arceuthii*
 97 *Oenothera contorta* v. *epilobioides*
 98 *Gilia*
 99 *Athyrium pusillus*
 51100 *Anisocoma acaulis*
 1 *Plagiobothrys*
 2 *Phacelia brachyloba*
 3 *Eriogonum Thurbii*
 4 *Trifolium obtusiflorum*
 5 *Lemna*
 6 *Mesembryanthemum nodiflorum*
 7 *Velaea arguta*
 8 *Mimulus brevipes*
 9 *Stipa coronata*
 10 *Eriogon foliosus*
 11 *Graptophyllum californicum*
 12 *Tetradymia comosa*
 13 *Daucus pusillus*
 14 *Galium angustifolium*
 15 *Rhus laurina*
 16 *Chorizanthe stativoides*
 17 *Centaureum venustum*
 18 *Cuscuta*
 19 *Limon*
 20 *Lichen*, see T 295
 21 *Lycium californicum*
 22 *Atriplex canescens*

5/4/29 Warner's Hot Spr., San Luis Rey Riv.

Oak Grove

1/2 way bet Oak Grove & Warner's Hot Spr.

ditto

← Warner's Hot Spr.

8/29/29 La Jolla

5/31/29 Claremont

" "

ditto

5/31/29 Claremont

L.Q. Co.

ditto

5/30/29

N. Coronado I.

" " " " " "

S 1157

- 58 ~~Aplopappus~~ *Gutierrezia sarothrae*
- 59 *Aplopappus*
- 60 *Ribes velutina*
- 61 *Astragalus lentiginosus* v. *nigricalyx*
- 62
- 63 *Galium angustifolium*
- 64 *Chorizanthe strobiloides*
- 65 *Solvia spathacea*
- 66 *Clematis lasiantha*
- 67 *Ceanothus oliganthus*
- 68 *Rhamnus crocea* v. *ilicifolia*
- 69 *Ellisia chrysanthemifolia*
- 70 *Ceanothus oligantha*
- 71 *Cryptantha*
- 72 *Galium Nuttallii*
- 73 *Allium peninsulae*
- 74 *Eriogonum Thomasii*
- 75 *Mimulus guttatus*
- 76 *Cotula coronopifolia*
- 77 *Lupinus succulentus*
- 78 *Ephedra viridis*
- 79 *Plagiobothrys*
- 80 *Lupinus concinnus* var. *optatus*
- 81 *Phacelia californica* v. *calycosa*
- 82 *Cryptantha*
- 83 *Emmenanthe penduliflora*
- 84 *Juncus balticus*
- 85 *Aplopappus linearifolius*
- 86 *Malvastrum Parryi*
- 87 Same as 51186. *Galium aparine*
- 88 *Ephedra viridis*
- 89 *Aplopappus cuneatus* v. *spathulatus*
- 90 *Pomatium intricatum*

4/14/29

Carneros Springs

Kern Co.

4/14/29

Carneros Springs

Kern Co.

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4/12/29

Santa Susana Pass

S.G. Co.

4/12/29

Santa Susana Pass

S.G. Co.

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4/14/29

Carneros Springs

Kern Co.

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Can.

- S 1191 *Papaver heterophyllum*
 92 *Plagiobothrys*
 93 *Lithophragma cymbalaria*
 94 *Juncus bufonius*
 95 *Acer negundo* v. *californicum*
 96 *Platanus racemosa*
 97 *Nemophila aurita*
 98 ~~same as S 1172~~
 99 *Montia perfoliata*
 S 1200 *Vicia major*
 1 *Conium maculatum*
 2 *Rubus vitifolius*
 3 *Atriplex spinifera*
 4 *Sanicula bipinnatifida*
 5 *Cryptantha*
 6 *Paysonocarpus laciniatus* v. *racemosus*
 7
 8 *Melilotus indica*
 9 *Gilia*
 10 *Trifolium*
 11
 12
 13 *Lupinus Benthamii* v. *opimus*
 14 *Microsteris gracilis*
 15 *Lotus humistratus*
 16 *Aplopappus linearifolius* v. *interior*
 17 discarded
 18 *Monolopia major* v. *lanceolata*
 19 discarded
 20 *Solanum umbelliferum*
 21 *Malvastrum sp.*
 22 *Phacelia hispida*
 22 Same as 22
 23 *Sisymbrium brachycarpum*
 24 *Carlinthus inflatus*

- 4/14/29 Carneros Springs Kern Co.
 " " " " "
 " " " " "
 " Avila " " "
 4/12/29 Avila San Luis Obispo
 4/13/29 " " " "
 4/13/29 " " " "
 4/12/29 " " " "
 4/13/29 " " " "
 " " " " "
 " " " " "
 " McKittrick Kern Co.
 " 20 mi. E. Sta Maria San Luis Obispo
 " 25 mi. from " " toward Cayama
 " " " " " "
 " " " " " "
 " 24 " " " "
 " " " " " "
 " 27 " " " "
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 " 2 mi W. Cayama V. San Luis Obispo
 " Cayama Valley " " " "
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- 51259 *Microseris Lindleyi*
 60 *Lupinus*
 61 *Eriogonum angulosum*
 62 *Amsinckia*
 63 *Brodiaea capitata*
 64 *Allium Sanbornii*
 65 *Oenothera dentata* v. *Parishii*
 66 discarded
 67
 68 *Poa scabrella*
 69 *Brodiaea capitata*
 70 *Viola pedunculata*
 71
 72 *Baeria*
 73 *Plectritis ciliosa*
 74 *Amsinckia intermedia*
 75 *Lotus subpinnatus*
 76 *Lupinus nanus*
 77 *Lupinus succulentus*
 78 *Lupinus succulentus*
 {79 *Salvia carduacea*
 80
 81 *Platystemon californicus*
 82 *Orthocarpus purpurascens*
 83 *Microseris gracilis*
 84 *Malacothrix californicus*
 85 *Orthocarpus purpurascens*
 86 *Layia*
 87 *Trifolium albobipureum*
 88 *Monolopia major*
 89 *Gnaphalium californicum*
 90 *Delphinium Parryi*
 91 *Helianthemum scoparium*
 92

- 4/15/29 Tehachapi Pass Kern Co.
 " " " " " "
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 4/14/29 Carneros Spr. Kern Co. Calif.
 " " " " " "
 4/12/29 14 mi. so. Los Alamos Santa Barb Co
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 " " " " " "
 " " " " " "
 " Arroyo Grande San Luis Obispo Co.
 " " " " " "
 " " " " " "
 " Orcutt " " " "
 " 6 mi. so. Orcutt " " " "
 " 13 mi S.E. Santa Maria " " " "
 " 6 mi so Orcutt " " " "
 4/14/29 Carneros Spr. Kern Co.
 " " " " " "
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 4/12/29 Gaviota Pass Santa Barbara
 " " " " " "
 " Top of Santa Susana Pass S. L. Co.
 " Gaviota Pass Santa Barbara

- S/294a Collinsia
4/14/29 Carneros Spr.
- S/293 *Platystemon californicus*
 94 *Apolopappus linearifolius*
 95 *Cryptantha*
 96 *Mimulus longiflorus*
 97 *Oenothera leptocarpa*
 98 *Phacelia*
 99 *Lotus strigosus*
 S/300 *Oenothera*
 1 *Mentzelia*
 2 *Gilia*
 3 *Microseris Lindleyi*
 4 *Caulanthus lasiophyllus*
 5 *Thysanocarpus curvipes* v. *elegans*
 6 *Platystemon californicus*
 7 *Gilia*
 8 ~~*Perrostigia*~~ *drymarioides*
 9 *Hemizonia*
 10 *Chorizanthe procumbens*
 11 *Cotula coronopifolia*
 12 *Hypochaeris glabra*
 13 *Lupinus arboreus*
 14 *Astragalus*
 15 "
 16 *Lupinus succulentus*
 17 *Amsinckia miracarpa*
 18 *Lupinus bicolor* v. *microphyllus*
 19 *Oenothera*
 20 *Oenothera*
 21 Discarded
 22 *Baccharis*
 23
 24 *Salvia columbariae*
 25 *Mirabilis laevis*
 26 *Ellisia membranacea*

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| 4/14/29 | Carneros Springs | Kern Co. |
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| 4/12/29 | 6 mi. So. Orcutt | San Luis Obispo |
| " | " | " |
| 4/14/29 | Carneros Spr. | Kern |
| " | " | " |
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| 4/13/29 | Arila | San Luis Obispo |
| " | " | " |
| " | 4 mi. N.W. Arroyo Grande | San Luis Obispo |
| " | " | " |
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| " | " | " |
| 4/12/29 | 6 mi. So Orcutt | " |
| 4/14/29 | 15 mi. S.W. Lost Hills | Kern |
| 4/14/29 | Carneros Springs | Kern |
| " | " | " |
| " | " | " |

- 51361 *Thysanocarpus laciniatus* v. *crenatus*
62 *Nemophila aurita*
63
64 *Galium Nuttallii*
65 *Ribes speciosum*
66 *Plantago hookeriana* v. *californica*
67 *Ranunculus californicus*
68 *Dentaria integrifolia* v. *californica*
69 *Lithophragma cymbalaria*
70 *Castilleja foliosa*
71 *Tidestromia lanuginosa*
72 *Lippia Wrightii*
73 *Dalea Parryi*
74 *Euphorbia florida*
75 *Franseria deltoidea* Torr.
76 *Lycium Parishii*
77 *Boerhavia Wrightii*
77a *Epidium microphyllum*
78 *Phoradendron californicum*
79
80 *Condalia lycioides*
81 *Ephedra viridis* (nevadensis) auct. Kearney
82. *Crotalaria pumila*
83. *Viguiera annua* (Jones) Blake
84. *Brickellia venosa* (W. & S.) Rob.
85. *Bouteloua hirsuta* Lag.
86 *Andropogon saccharoides*
87
88 *Muhlenbergia emersleyi* Vasey
89 *Holocantha Emoryi*
90 *Quercus Emoryi*
91 *Eragrostis intermedia* Hitchc.
92 *Euphorbia polycarpa*
93 *Dalea Wislizeni*
94 same as 51396

- | Date | Locality | County | State |
|----------|-----------------------------|-------------------|--------|
| 4/12/29 | Gaviota Pass | Santa Barbara Co. | Calif. |
| " | " | " | " |
| " | " | " | " |
| " | 14 mi. so Los Alamos | " | " |
| " | Gaviota Pass | " | " |
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| " | Top of Santa Susana Pass | " | " |
| 11/17/29 | 12 mi. S. E. Covered Wells, | Pima Co. | Ariz. |
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| " | " | " | " |
| " | 27 mi. e. Gunsight Pass | " | " |
| " | " | " | " |
| 11/8/29 | 7 mi. n. w. Nogales | Santa Cruz Co. | " |
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| 11/7/29 | 12 mi E. Cijo | Pima Co. | Ariz. |
| " | 5 mi. n. w. Nogales | Santa Cruz Co. | " |
| 11/8/29 | 10 mi. S. Vail | Pima Co. | " |
| 11/9/29 | 5 mi. w. Superior | Pinal Co. | " |
| " | 7 mi. n. w. Nogales | Santa Cruz Co. | " |

- 51395 *Lippia Wrightii*
 96 *Sphaeralcea lasca*
 97 *Rhynchosia texana*
 98 *Evolvulus arizonicus*
 99 ~~*Calliandra*~~ *Mimosa dysocarpa*
 51400 *Abutilon crispum*
 1 *Artemisia ludoviciana* Nutt
 2 *Portulaca retusa*
 3 *Abutilon Pringlei*
 4 ~~*Funastrum*~~ *Metastelma arizonica*
 5 *Solanum Douglasii*
 6 *Euphorbia capitellata*
 7 *Bahia absinthifolia* var *dealbata*
 8 discarded
 9 *Eriogonum Wrightii*
 10 *Odonaea viscosa* v. *angustifolia*
 11 ~~*Quercus*~~
 12 *Eriogonum fasciculatum* var. *polifolium* ?
 13 } same as 51414
 14 } *Euphorbia florida* ~~*florida*~~ *pediculifera*
 15 discarded
 16 *Eragrostis arida*
 17 *Baileya multiradiata*
 18 *Abutilon Newberryi*
 19 *Eriogonum deflexum*
 20 *Haplopappus acradenioides* *heterophyllus* (Gray) Blake
 21 *Cercidium microphyllum*
 22 *Acalypha californica* *Pringlei*
 23 *Argemone intermedia*
 24 *Yucca elata*
 25 *Baccharis sergiloides*
 26 see R 123
 27 *Trixis californica*
 28 *Eriogonum Wrightii*

11/8/29 10 mi. S. Rail
" 10 "

Prince Co. Ariz

11/9/29 Will back of Boyce Thompson Arb. Superior Ind. C.

11/8/29 10 min. S. Tail

Perma G. "

11/9/29 Kill back of Boyce Thompson Arb. Superior Pinal Co.

11/7/29 22 mi. r. Giles Bend.

Prima Co. "

11/7/29 23 mi. s. Gila Bend Ft. of Lava Mt. Maricopa Co. Ariz
" " " " " " " " " " " "

" Gunsight Pass

Penna

" Mts. S. Gila Bend
" Gunsight Pass
" "

Maricopa
Pima Co.

" 18 mile. Junco Pass
" " " "

11 Gunsight Pass

11/8/29 18 mi. n. Sonora

11/8/29 " " "

51430a Nicotiana glauca 11/8/29
18 mi. N. Sonora Pima Co. Ariz

- 429 Gomphrena sonora
30 Dalea Wrightii
31 Atriplex canescens v. linearis
32 Brickellia coulteri Gray
33 Baileya multiradiata
34 Eriogonum Wrightii
35 Euphorbia albomarginata
36 Acacia constricta
37 Gutierrezia sarothrae (Pursh) D. & R.
38 ~~Zinnia~~ Psilostrophe cooperi (Gray) A. Nyl.
39 Verbena ciliata Wrightii
40
41 Solanum elaeagnifolium
42 Sphaeralcea Emoryi
43 Pectis papposa
44 Krameria Grayi
45 Calliandra eriophylla
46 Baccharis ~~sarothrae~~ brachyphylla Gray
47 "
48 Olneya Tesota
49 Heptis Emoryi
50 Stephanomeria pauciflora
51 Rebbia juncea
52 Petalonyx Thurberei
53 Atriplex canescens
54 Encelia farinosa
55 Euphorbia polycarpa v. hirtella
56 Beloperone californica
57 Salix Hindsiana v. leucodendroides
58 Amaranthus fimbriatus
59 Dalea Schottii var. puberula
60 Brandegeeia Bigelovii
61 Eleocharis
62 Zauschneria californica

- 11/8/29 18 mi. N. Sonora Pima Co. Ariz
" " " " " " " " " " " "
11/12/29 near Cabazon, San Geronimo Pass Riverside Co. Calif.
11/9/29 Superior Pinal " Ariz
11/10/29 12 mi. W. Vicksburg Yuma " "
" 5 " E Wickenburg Maricopa " "
" 12 mi W. Vicksburg Yuma " "
" 5 mi. E Wickenburg Maricopa " "
" " S.E. " " " "
" " E " " " "
" Aguila " " "
" " " " " " "
" " " " " " "
" Wenden Yuma " "
11/11/29 20 mi E. Blythe " " "
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11/12/29 Deep Canyon 10 mi. SW Indio Riv. Co.
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11/12/29 Deep Can. 10 mi. SW Indio Riverside Co.
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51463 Discarded

64

65 Hofmeisteria plurisetu

66

67 Baccharis sergiloides

68 Nicotiana trigonophylla

69 Peristyle Emoryi

70

71

72 Lythrum californicum

73 Viguiera deltoidea v. Parishii

→ 74 ~~Dysodia~~ porophylloides Prophyllum gracile

75 Galium stellatum v. eremicum

76

77 Phypalis crassifolia

78 Cassia armata

79 Galium stellata v. eremicum

80 Fagonia chilensis v. laevis

81 Sphaeralcea ambigua

82 Fouquieria splendens

83 Hyptis Emoryi

84 Stephanomeria pauciflora

85 Eriogonum deserticola

86 Euphorbia

87 Simmondsia chinensis

88 Triodis pulchella

89 Ephedra nevadensis

90 Salazaria mexicana

91 Dalia spinosa

92 Phoradendron californicum

93 Atriplex polycarpa

94 Atriplex hymenelytra

95 Boerhaavia caribaea

96 Hoffmannseggia microphylla

1474a Dysodia prophyllodes Gray

11/2/29 Deep Can 11 mi. s w. Indio

Riv. Co.

" " " " " " " " " " " "

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11/11/29 28 mi. e. Mecca

Deep Can. 10 mi s w. Indio

11/11/29 28 mi e Mecca

"

"

11/12/29 Deep Can. 10 mi. S.W. Indio

11/11/29 2 1/2 mi. e. Shavis Well.

"

14 mi. e Blythe

Yuma Co.

"

28 mi e. Mecca

11/6/29

Colorado Desert, 20 mi w. Yuma (Ariz) Imperial Co.

11/11/29

28 mi. e. Mecca

Riv Co.

"

#2

"

Riv Co

"

"

20 mi. e. Blythe

Yuma Co. Ariz

"

"

14

"

"

"

"

12 mi e. Mecca.

Riv Co

"

"

- S1497 Discarded
 98 discarded
 99 *Draba Douglasii*
 S1500 *Heuchera rubescens* var. *Parishii*
 1 *Ribes montigenum*
 2
 3 *Clenopodium Fremontii*
 4 *Carex mariposana* Bailey
 5 *Juncus Parryi*
 6 *Penstemon caesius*
 7 *Silene Parishii*
 8 *Potentilla Wheeleri*
 9 *Eriogonum Kennedyi*, var. *alpigenum*
 10
 11 *Festuca ovina*, var. *brachyphylla*
 12 *Baillardella argentea*
 13 *Hulsea vestita* v. *pygmaea*
 14 *Litanion Hystrix*
 15 *Pinus flexilis*
 16 Discarded
 17 Discarded
 18 *Heuchera rubescens* var. *Abramsii*
 19 *Arabis Lemmonii*
 20 Discarded
 21 *Aster adscendens*
 22
 23 *Senecio oera*, var. *sanctus*
 24 *Dentaria integrifolia* v. *californica*
 25 *Phyllospadix Torreyi* Wats.
 26 *Lomatium mohavense*
 27 *Lycium Andersonii*
 28 *Populus Fremontii*
 29 *Cymopterus panamintensis* v. *acutifolius*
 30 Discarded

4/6/29 Mt. San Geronimo, San Bernardino Mt. San Bern. Co.

Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099
1900	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099

3/12/30	Glen Ivy Santa Ana Mts	Riv. Co.
July 1928	Laguna Beach,	Orange Co.
3/2/30	Cro Grande	S. S. B. Co.
3/2/30	Cro Grande Mojave Desert	San Bernardino Co.
3/9/30	Mission Canyon	Riverside Co.
3/2/30	Granite Mt. S. e. Victorville	San Bernardino Co.

- 51531 *Populus Fremontii*
 32 *Arctostaphylos glauca*
 33 *Thamnosma montana*
 34 *Cercocarpus betuloides*
 35 *Senecio Californicus*
 36 *Echinocystis*
 37 same coll. as 51536
 38 *Condalia Parryi*
 39 same coll. as 51536
 40 *Crossosoma Bigelovii*
 41 *Galium angustifolium*
 42 *Physalis crassifolia*
 43 *Castilleja*
 44 *Eleocharis arenicola* Torr. ? (immature)
 45 *Fritillaria biflora*
 46 *Lycium Andersonii* v. *deserticola*
 47 discarded
 48 *Stillingia linearifolia*
 49
 50 *Salix exigua*
 51 *Solanum Xanti* v. *intermedium*
 52 *Osmonhiza brachypoda*
 53 *Cryptantha*
 54 *Grayia spinosa*
 55 *Memphila aurita*
 56 same as 51534
 57 *Cryptantha*
 58 *Salene antirrhina*
 59 *Sisymbrium brachycarpum*
 60 *Salix laevigata*
 61 *Baccharis viminea*
 62 *Salix laevigata* B. & P. det. C. R. B.
 63 *Sesuvium verrucosum*
 64 *Peltotropeum curassavicum* v. *oculatum*

- 3/9/30 Mission Creek Canyon Riverside Co.
 " " Canyon " "
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 " " " " "
 3/9/30 Mission Canyon " "
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 3/9/30 " " " "
 8/24/29 Corona Bridge, Santa Ana R. Riverside Co.
 3/16/30 Glendora " "
 3/9/30 Mission Can " "
 " Devils Garden " "
 3/9/30 Mission Creek Can. Little San Bernardino Mts. Riverside
 5/11/29 Stoddard Can. above Claremont, S. A. Co.
 " " " " "
 3/9/30 " Can. Riverside Co.
 " " " " "
 5/11/29 Stoddard Can. above Claremont, S. A. Co.
 3/9/30 Devils Garden bet. Morongo & White Water Wash. Riverside Co.
 5/11/29 Stoddard Can. above Claremont, S. A. Co.
 3/9/30 Devils Garden bet. Morongo & White Water Wash. Riverside Co.
 " " " " "
 " " " " "
 " Mission Can. " "
 3/26/30 SW Margin of Lake Elsinore Riverside Co.

- 51565 *Scirpus californicus*
 66a *Scirpus paludosus*
 67 *Distichlis stricta* var. *laxa*
 68 *Baccharis eriglodes*
 69 *Salix goodingii* v. *sallicola* ← 51569a same
 70 *Clematis ligusticifolia*
 71 *Gilia californica* v. *Glandulosa*
 72 *Mimulus purpureus*
 73 *Gnaphalium* ~~*bicolor*~~ *bicolor*
 74
 75 *Cryptantha intermedia*
 76 *Lupinus truncatus*
 77 *Rhus ovata*
 78 *Mirabilis laevis*
 79 *Salix lasiolepis* v.
 80 *Salix laevigata*
 81 *Rhamnus crocea* v. *idicifolia*
 82 *Oxalis californica*
 83
 84 *Digitaria sanguinalis*
 85 *Ambrosia palostachya* v. *californica*
 86 *Polygonum punctatum*
 87 *Lesqueria germanorum* v. *Glandulifera*
 88 *Erigeron canadensis*
 89 *Heterotheca grandiflora*
 90 *Physalis ixocarpa*
 91 *Aster exilis*
 92 *Cotula coronopifolia*
 93 *Potamogeton crispus*
 94 *Polygonum lapathifolium*
 95 *Eriogonum*
 96 discarded
 97 *Euphorbia*
 98 discarded

- 3/26/30 Lake Elsinore Riv. Co.
 " " " " " "
 3/26/30 Lake Elsinore Riverside Co.
 3/9/30 Mission Canyon Riverside Co.
 3/26/30 Lake Elsinore " "
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 3/26/30 Can. s. w. Lake Elsinore Riverside Co.
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 3/27/30 Santiago Can. Santa Ana Mts. Orange Co.
 3/27/30 Santiago Can. Santa Ana Mts. Orange Co.
 " " " " " "
 " Silverado Can. " " "
 8/27/29 Claremont Los Angeles Co.
 8/24/29 Corona Br. Santa Ana R. Riv. Co.
 " " " " " "
 8/27/29 Claremont L.A. Co.
 " " " " " "
 " " " " " "
 8/27/29 Claremont L.A. Co.
 8/24 Corona Br. Santa Ana R. Riverside
 " " " " " "
 " " " " " "
 " " " " " "
 8/27 Claremont L.A. Co.
 " " " " " "

51735

- 36 *Trichoptilum incisum*
- 37 *Lotus rigidus*
- 38 *Nicotiana trigonophylla*
- 39 *Cryptantha*
- 40 *Theodora pulchella*
- 41 *Hilaria rigida*
- 42 *Lotus strigosus*
- 43 *Allonia incarnata* v. *nudata*
- 44 *Emmenanthe penduliflora*
- 45 *Phoradendron californicum*
- 46 *Sisymbrium brachycarpum*
- 47 *Phacelia distans*
- 48 *Oenothera refracta*
- 49 ¹⁷⁴⁹ *Salazaria mexicana*
- 51 *Fagonia chilensis* v. *laevis*
- 52 *Cryptantha*
- 53 *Pectocarya recurvata*
- 54 *Plantago Hooperiana* v. *californica*
- 55 *Zygadenus brevibracteatus*
- 56 *Amsinckia tessellata*
- 57 *Oenothera brevipes*
- 58 *Malacothrix californica* v. *glabra*
- 59 *Rafinesquina neomexicana*
- 60 *Trichoptilum incisum*
- 61 *Oenothera clavaeformis*
- 62 *Mentzelia albicaulis*
- 63 *Physalis crassifolia*
- 64 *Dryasodia Cooperi*
- 65 *Mamillaria tetrandra*
- 66 *Oenothera brevipes*
- 67 *Allonia incarnata* v. *nudata*
- 68 *Lupinus concinnus* v. *desertorum*

3/30/30 Twenty-nine Palms.

S.B.C.

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| 3/31/30 | Twenty-nine Palms | San Bern Co | |
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S1803 *Matacothrix*4 *Cryptantha*5 *Lepidium Robinsonii*6 *Parietaria floridana*7 *Phacelia distans*8 *Silene gallica*9 *Vicia californica*?10 *Lepidium nitidum*11 ~~discarded~~ *Ellisia chrysanthemifolia*12 *Galium angustifolium* var. *foliosum*13 *Echinocystis macrocarpa*14 *Lupinus albifrons* var. *Douglasii*15 *Lomatium canifolium*16 *Arctostaphylos subcordata*?17 *Pinus Torreyana* Parry18 ~~discarded~~ *Filago arizonica* (*Micropus californicus*)19 *Baeria chrysotoma* var. *gracilis*20 *Lisyrinchium bellum* Wats.21 *Plantago Hookeriana* var. *californica*22 *Layia platyglossa*23 *Microseris elegans*24 *Dodecatheon Hendersonii*25 *Cardionema ramosissima*26 *Atriplex californica* Moq.?27 *Stipa pulchra*28 *Filago californica*29 *Lonchus oleraceus*30 *Stylocline gnaphaloides*31 *Brodiaea capitata*32 *Plagiobothrys californicus* v. *fulvescens*33 *Orthocarpus densiflorus*34 *Polygonum aviculare*35 *Zygadenus Fremontii*36 *Sidalcea malvaeflora*S1807a *Cryptantha*
Vails R. Sta. Rosa?S1828a *Micropus californicus*
Vails R. Sta. Rosa?

4/10/30 Vails Ranch, Santa Rosa I. Santa Barbara Co.

4/9/30

4/8/30

3/23/29 Eatons Camp, Pelican Bay, Sta. Cruz I.

4/8/30 Torrey Pines, e. of Vails R. Santa Rosa I.

3/23/29 Eatons Camp, Pelican Bay Sta. Cruz I.

4/8/30 Vails Ranch Santa Rosa I.

" Torrey Pines, e. of Vails R.

3/23/29 Eatons Camp, Pelican Bay Sta. Cruz I.

4/8/30 near Vails Ranch Sta. Rosa I.

mouth of Water Can^{ty}
near Vails Ranch

- 51871 *Ceanothus arboreus* v. *glabrus*
 72 Discarded
 73 *Lithophragma Cymbalaria*
 74 *Agrostis heterophylla* v. *crenulata*
 75 *Eriodictyon trichocalyx*
 76 *Amsinckia Eastwoodae*
 77 *Lepidium nitidum*
 78 Discarded
 79 *Lupinus succulentus*
 80 *Thysanocarpus laciniatus* v. *ramosus*
 81 *Ceanothus oliganthus*
 82 *Ceanothus oliganthus*
 83 *Ranunculus californicus*
 84 *Dimorphotheca annua*
 85 *Orthocarpus purpurascens*
 86 *Lupinus bicolor* v. *microphyllus*
 87 *Micropus californicus*
 88 *Orthocarpus attenuatus*
 89 *Lysichiton calycina* v. *Wallacei*
 90 *Galium aparine*
 91 *Dodecatheon Hendersonii*
 92 *Orthocarpus purpurascens*
 93 *Lotus subpinnatus*
 94 *Plagiobothrys nothofolius*
 95 *Gilia achilleaefolia*
 96 *Saxifraga californica*
 97 *Amsinckia intermedia*
 98 *Poa scabrella*
 99 discarded
 51900 *Melica imperfecta*
 1 *Ellisia chrysanthemifolia*
 2 *Galium Nuttallii*
 3 *Malvastrum Nuttallii*
 4 *Lupinus succulentus*

- | | | |
|--------|----------------|-----------------------------|
| 4/9/30 | Santa Rosa Is. | Black Mt. Santa Barbara Co. |
| 4/9/30 | Ojai | Ventura Co. |
| 4/6/30 | Ojai | Ventura Co. |
| 4/5/30 | Ojai | Ventura Co. |
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| 4/8/30 | Santa Rosa Is. | Santa Barbara Co. |
| 4/6/30 | Ojai | Ventura " |
| 4/8/30 | Santa Rosa Is. | Santa Barbara " |
| 4/5/30 | Ojai | Ventura " |
| 4/6/30 | " | " |
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- 51965
- 6 *Calandrinia ciliata* v. *Menziesii*
 - 7 *Amsinckia retrorsa*
 - 8 *Viola pedunculata*
 - 9 *Galium angustifolium* v. *foliosum*
 - 10 *Mimulus guttatus*
 - 11 *Opalis californica*
 - 12 *Solanum Xanti*
 - 13 *Ceanothus crassifolius*
 - 14 *Ceanothus oliganthus*
 - 15 *Bromus mollis*
 - 16 *Astragalus nigrescens*
 - 17 *Abronia maritima*
 - 18 *Trifolium gracilentum*
 - 19 *Trifolium Macraei*
 - 20 *Dentaria integrifolia* v. *californica*
 - 21 *Koeleria cristata*
 - 22 *Poa scabrella*
 - 23 *Erigeron glaucus*
 - 24 *Ceanothus arboreus* v. *glabrus*
 - 25 *Habenaria Michaelii*
 - 26 *Platytemon californicus*
 - 27 *Dendromecon Hayfordii*
 - 28 *Chenopodium botrys*
 - 29 ~~discarded~~ *Cucurbita foetidissima*
 - 30 *Carex barbarae* Dewey
 - 31 ~~discarded~~ *Mimulus moschatus*
 - 32 ~~discarded~~ *Carex praegracilis* W. Boott
 - 33 *Typha angustifolia*
 - 34 *Lupinus*
 - 35 ~~discarded~~ *Juncus balticus*
 - 36 *Heliotropium curassavicum*
 - 37 *Phacelia nemoralis*
 - 38 *Rosa californica*
 - 39 ~~discarded~~ *Aster*

[illegible]

- 51939 *Polygonum punctatum*
 40 *Nicotiana attenuata*
 41 *Platytemon californicus* var. *ornithopus*
 42 *Cryptantha*
 43 ~~Discarded~~ *Cyperus*
 44 discarded (*Dithyrea calif.* v. *mar.* from San Mig. I.)
 45 *Thysanocarpus curvipes*
 46 *Thysanocarpus laciniatus* v. *conchulifolius*
 47 ~~discarded~~ *Wislizenia refracta*
 48 *Calandrinia ciliata* v. *Menziesii*
 49 *Galium angustifolium* v. *foliosum*
 50 *Lotus scoparius* v. *dendroideus*
 51 ~~discarded~~ *Psoralea*
 52 *Centaurea melitensis*
 53 *Juncus oxymeris*
 54 *Lamarkia aurea*
 55 *Trifolium involucreatum* tridentatum
 56 *Polypogon lutosus*
 57 *Phacelia viscida*
 58 *Rubus vitifolius*
 59 *Vicia americana*
 60 *Stellaria nitens*
 61 *Sagina*
 62 discarded
 63 discarded
 64
 65 *Juncus bufonius*
 66 ~~Discarded~~
 67 *Psilocarphus tenellus*
 68 ~~Poa~~ *Poa scabrella*
 69 *Calandrinia ciliata* v. *Menziesii*
 70 *Mimulus Flemingii*
 71 *Muhlenbergia microsperma*
 72 *Baeria arystoma* v. *gracile*

- June 1928 Merced River near Hilmar, Merced Co.
 4/10/30 San Miguel I. Sta. Barb. Co.
 4/11/30 San Miguel I. Cuyler's H. Sta. Barbara Co.
 June 1928 Merced River near Hilmar, Merced Co.
 4/11/30 Santa Cruz I. Lady's H. Sta. Barb. Co.
 June 1928 Hatch Stanislaus Co.
 4/7/30 Santa Cruz Is. Hazard's H. Sta. Barb. Co.
 4/8/30 Santa Rosa Is. Santa Barbara Co.
 June 1928 Merced R. near Hilmar, Merced Co.
 4/8/30 Santa Rosa Is. Santa Barbara Co.
 4/8/30 Santa Rosa Island Santa Barbara Co.
 4/10/30 Santa Cruz I.
 4/11/30 " "
 4/11/30 Santa Cruz Is. Lady's H.
 4/8/30 Santa Rosa Is. Santa Barbara Co.
 4/11/30 " Cruz Is.
 " " Rosa Is.
 4/8/30 Santa Rosa Is. Mouth of Water Canyon, Santa Barbara Co.
 4/11/30 Lady's H. Santa Cruz Is.

- 51973 *Photinia arbutifolia*
 74 *Calandrinia ciliata* v. *Mengesii*
 75 *Galium catalanense*
 76 *Apiastrum angustifolium*
 77 *Poa annua*
 78 *Lathyrus strictus* v. *barbarae*
 79 ~~Discarded~~ *Carex roscii* Boott
 80 *Dendromecon Harfordii*
 81 *Pectocarya platycarpa*
 82 *Coreopsis gigantea*
 83 *Poa scabrella*
 84 *Echinocystis macrocarpa*
 85 *Castilleja hololeuca*
 86 *Mimulus guttatus*
 87 *Bowlesia eniana*
 88 *Tillaea erecta*
 89 *Erigeron glaucus*
 90 *Calochortus catalinae*
 91 *Filago californica*
 92 *Trifolium involucreatum* tridentatum
 93 ~~Lupinus~~ *Lupinus succulentus*
 94 *Chenopodium carinatum*
 95 *Stackys bullata*
 96 *Scutellaria tuberosa*
 97 ~~Discarded~~ *Eriogonum arborescens*
 98 *Orthocarpus purpurascens*
 99 *Plantago Hookeriana* v. *californica*
 82000 *Symphoricarpos albus* v. *mollis*
 2000 a ~~Opagis~~ *Plectritis ciliosa*
 1 *Phacelia distans*
 2 *Microsteris gracilis*
 3 *Nemophila rotata* Eastw.
 4 *Heuchera maxima*
 5 *Erigeron glaucus*

- | | | | |
|---------|-----------------------|-----------------------|-------------------|
| 4/11/30 | Santa Cruz Is. | Lady's H. | Santa Barb. Co. |
| 4/11/30 | Santa Cruz Is. | Lady's H. | Santa Barb. Co. |
| 4/11/30 | Santa Cruz Is. | Lady's H. | Santa Barbara Co. |
| 3/24/29 | 2 mi. e. Eatons Camp, | Santa Cruz I. | " |
| 4/11/30 | Santa Cruz Is. | Lady's H. | Santa Barbara Co. |
| " | " | " | " |
| 3/24/29 | " | bet. Eatons + Ranch, | " |
| 4/7/30 | Hazards H. | Santa Cruz Is. | " |
| 4/7/30 | Hazards H. | Santa Cruz Is. | " |
| 4/7/30 | " | Hazards H. | " |
| " | " | " | " |
| 3/24/29 | 1 mi. e. Eatons Camp | " | " |
| 4/7/30 | Hazards H. | " | " |
| " | " | " | " |
| " | " | " | " |
| 4/6/30 | Oljai, Camp Comfort | | Ventura Co. |
| 4/7/30 | Hazards H. | Santa Cruz Is. | Santa Barbara |
| 4/6/30 | Oljai V. | | Ventura Co. |
| 4/6/30 | Oljai V. | | Ventura Co. |
| 4/8/30 | Santa Rosa Is. | | " |
| 4/8/30 | Santa Rosa Is. | | " |
| 4/6/30 | Camp Comfort Oljai | | Ventura Co. |
| 4/8/30 | Santa Rosa Island | | Santa Barb. Co. |
| 4/8/30 | Santa Rosa I. | | Santa Barb. Co. |
| 4/6/30 | Oljai | | Ventura |
| 4/7/30 | Santa Rosa Island | | Santa Barbara |
| 4/6/30 | Oljai | | Ventura Co. |
| 4/6/30 | Oljai | | " |
| " | Camp Comfort Oljai | | " |
| " | " | | " |
| 3/24/29 | 1 mi. e. Eatons Camp, | Santa Cruz I. | Santa Barbara Co. |
| " | near Eatons Camp, | Pelican B. | " |

- 52007 *Mimulus flemingii*
8 *Nemophila aurita*
9 *Veregasia carpesioides*
10 *Gilia muticaulis*
11 *Lotus scoparius* var. *dendroideus*
12 *Adenostoma fasciculata*
13 1
14 discarded
15
16
17 *Quercus agrifolia*
18 *Arctostaphylos diversifolia*
19 *Veregasia carpesioides*
20
21
22 *Nemophila aurita*
23 *Mimulus longiflorus*
24 *Quercus dumosa*
25 Discarded
26 *Platystemon californicus*
27 *Godetia epilobioides*
28 *Parietaria floridana*
29 *Gilia millefoliata*
30 *Viola pedunculata*
31 *Lithophragma symbalarium*
32 *Haplopappus canus*
33 *Stellaria nitens*
34 *Lupinus succulentus*
35 *Cotula coronopifolia*
36
37 *Achyrochaena mollis*
38 *Juncus balticus*
39 *Ellisia chrysanthemifolia*
40 *Sisyrinchium bellum*

- | | | |
|---------|---|-------------------|
| 3/24/29 | bel. Eatons Ranch, Santa Cruz I. | Sta. Barbara Co. |
| | 2 mi. e. Eatons Camp | " |
| 4/6/30 | Camp Comfort Ojai | Ventura Co. |
| 3/24/29 | near Eatons Camp, Pelican Bay, Santa Cruz I. S.B.C. | |
| | Ranch | |
| 4/7/30 | Santa Cruz Is. Hazard H. | Sta. Barb. Co. |
| 4/7/30 | Santa Cruz Is. Hazard H. | Sta Barb. Co. |
| 4/7/30 | Santa Cruz Is. Hazard H. | Santa Barbara |
| " | " | " |
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| 4/6/30 | | |
| 4/6/30 | Ojai V. | Ventura Co |
| 4/7/30 | Santa Cruz Is. Hazard H. | Sta Barb. |
| " | " | " |
| " | " | " |
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| " | " | " |
| " | " | " |
| 4/8/30 | - Santa Rosa | " |
| 4/8/30 | Santa Rosa Is. | " |
| 4/8/30 | Santa Rosa Is. | Santa Barbara Co. |
| 4/8/30 | Santa Rosa Is. | " |
| 4/8/30 | Santa Rosa Is. | Santa Barbara Co |
| 4/8/30 | Santa Rosa Is. | Santa Barbara Co. |
| 4/8/30 | " | " |
| 4/5/30 | Ojai | Ventura Co |

- S20 41 *Apiastrum angustifolium*
 42 *Gilia Nevinii*
 43 *Lamarkia aurea*
 44 *Silene gallica*
 45 *Plagiobothrys*
 46 *Oenothera micrantha*
 47 *Festuca megalura*
 48 *Jepsonia malvaefolia*
 49 *Godetia epilobioides*
 50
 51 *Sanicula arguta*
 52 *Vicia exigua*
 53
 54 *Lithophragma cymbalaria*
 55 *Escholtzia californica*
 (56 *Phacelia viscida*
 57 same coll. as 2096
 58 *Oenothera contorta* v. *strigulosa*
 59 *Chenopodium ambrosioides*
 60 *Malacothrix incana*
 61 *Ceanothus megacarpus*
 62 *Gnaphalium bicolor*
 63 *Stellaria media*
 64 *Eliocharis*
 65 *Lynothamnus floribundus*
 66 *Veregasia carpesioides*
 67 *Trifolium microcephalum*
 68 *Malacothrix incana*
 69 *Castilleja hololeuca*
 70 *Festuca dertorensis*
 71 *Arctostaphylos subcordata*
 72 *Prunus Lyonii*
 73 Discarded
 74 *Avena fatua*
 74a *Suaeda californica*

- 4/8/30 Santa Rosa Is. Santa Barbara Co.
 " " " " " "
 4/8/30 Santa Rosa Is. Santa Barbara Co.
 " " " " " "
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 " " " " " "
 4/6/30 Ojai V. Ventura
 4/8/30 Santa Rosa Is. Santa Barb. Co.
 4/6/30 Ojai Ventura Co.
 4/8/30 Santa Rosa Is. Sta. Barb. Co.
 " " " " " "
 4/9/30 Santa Rosa Is. Santa Barbara Co.
 " " " " " "
 4/8/30 " " " Torrey Pines " "
 4/9/30 " " " " " "
 " " " " " "
 4/8/30 " " " " " "
 4/9/30 " " " " " "
 " " " " " "
 4/8/30 " " " " " "
 4/9/30 " " " " " "
 " " " " " "
 " " " " " "
 4/11/30 San Miguel Island Cuyler H. S. Barbara Co.

- S2109 *Brodiaea capitata*
10 *Silene californica*
11 *Ranunculus californicus* v. *cuneatus*
12 *Baeria hirsutula*
13 *Galium californicum* H. & A. v. *Miguelina*
14 *Montia perfoliata*
15 *Baeria hirsutula*
16 *Sanicula bipinnatifida*
17 *Cirsium occidentale*
18 *Eriogonum grande* v. *rubescens*
19 *Clenopodium californicum*
20 Discarded
21 *Convolvulus Soldanella*
22 *Trifolium gracilentum*
23 *Escholtzia californica* v. *maritima*
24 *Hordeum pusillum*
25 *Dentaria integrifolia* v. *californica*
26 *Eriogonum grande* v. *rubescens*
27 *Brodiaea capitata*
28 Discarded
29 *Cirsium occidentale*
30 discarded
31 *Bromus catharticus*
32 *Artemisia californica*
33 Discarded
34 *Scirpus chinensis*
35 *Eriogonum glaucum*
36 Discarded
37 *Linaria texana*
38 *Lupinus concinnus* v. *agardhianus*
39 *Schophularia californica*
{ 40 *Petunia parviflora*
41
42 *Papaver heterophyllum*

[illegible]

S2177

78 *Cercocarpus betuloides*79 *Carex rossii* Nutt

80

81 *Stipa Lemmonii*

82

83

84

85 *Eriodictyon trichocalyx*86 *Encelia californica*87 ~~*Echeveria*~~ *Alpenostoma fasciculatum*88 *Cryptantha*89 *Echeveria lanceolata* v. *laridea*

90

91 *Echeveria*92 *Echeveria*93 *Echeveria*94 *Mesembryanthemum crystallinum*95 *Mesembryanthemum chilense*96 *Salix lasiophylla*97 *Eriogonum fasciculatum* v. *polifolium*98 *Gutierrezia californica*99 *Solanum scoparium*S2200 *Salix lasiophylla*1 *Crossosoma Bigelovii*2 *Bebbia juncea*3 *Trixis californica*4 *Nicotiana trigonophylla*5 *Rhus crassifolia*6 *Sphaeralcea ambigua* ssp. *rosacea*7 *Rithyrea californica*8 *Dalea Emoryi*9 *Dicoria Clarkae*10 *Gutierrezia californica*

4/20/30 Top of mt. above Palms, C. Claremont S. A. Co.

4/24/30 Near Brown's Flats, San Gabriel Mts. Los Angeles Co.

4/24/30 above Palmer's Canyon, Claremont Los Angeles Co.

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Palmer's Canyon

5/30

"

5/31/29

Claremont

5/30/29

N. Coronado Island

Mex.

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2/10/30

Santa Ana Riv near San Bernardino S. Bern. Co.

White Water Canyon 1/2 mi. above White Water Lodge Riv. Co.

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Santa Ana River near S. Bern. S. Bern. Co.

White Water Can. 1/2 mi. above Wh. Water Lodge Riv.

Palm Can., Palm Spr.

"

Lower Palm Can.

"

Palm Can., Palm Spr.

1/2 mi. below White Water to Palm Spr.

"

"

"

52279 discarded

80 *Calyptridium monandrum*

81 discarded

82 *Lupinus*83 *Gilia aurea*84 *Nemacladus longiflorus* var. *brachiflorus* McVay85 *Gilia*86 *Glyptocline micropoides*87 *Eriogonum pusillum*88 *Eriophyllum pungens*

89 discarded

90 *Myosurus cupulatus*

91 discarded

92 *Oenothera dentata* v. *johnstonii*

93 discarded

94 discarded

95 discarded

96 *Caulanthus lasiophyllus*97 *Anisocoma acaulis*

98 discarded

99 f. *terrestris* R. & S.52300 *Gilia inconspicua*1 *Quercus dumosa* v. *turbinella*2 *Coleogyne ramosissima*3 *Rhamnus crocea* v. *ilicifolia*4 *Mimulus longiflorus*5 *Baileya pleniradiata*6 *Prunus fasciculata*7 *Litanion hystrix* (Nutt.) f. g. Sm.8 *Grayia spinosa*9 *Cryptantha*10 *Neocolletia occidentalis*

11

12 *Condalia spathulata*

7/30/30

Morongo Valley near Morongo V. Inn.

Riv. Co.

"

"

"

Can. above Keyes Ranch

San Ben. Co.

"

Morongo Valley near Morongo V. Inn.

C.

"

Can. above Keyes Ranch

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- 52313 *Phacelia Hallii*
14 *Gilia*
15 *Gilia*
16 *Ernenanthe penduliflora*
17 *Phacelia distans*
18 *Astragalus lentiginos* v. *Fremontii*
19 *Gilia inconspicua*
20 *Eriogonum* ~~*Hermanii*~~ v. *floccosum*
21 *Lotus rigidus*
22 *Potentilla saxosa*
23 *Lepidium nitidum*
24 *Lupinus concinnus* v. *dearbornii*
25 *Plantago Hookeriana* v. *Californica*
26 *Velaea arguta*
27 *Draba corrugata*
28 *Plant*
29 *Phyllodoce Breweri*
30 *Corithrogena filaginifolia* v. *sessilis*
31 *Chrysopsis villosa* v. *fortigiata*
32 *Arabis maxima*
33 *Phoradendron longispicum*
34 *Oreopsis gigantea*
35 *Salvia leucophylla*
36 *Conium maculatum*
37 *Cyperus Virens*
38 *Galium californicum*
39 *Galium Nuttallii*
40 *Galium aparine*
41 *Galium stellatum*
42 *Galium Andrewsii*
43 *Galium Nuttallii*
44 *Galium angustifolium*
45 *Galium*
46

- 52347 *Galium angustifolium*
48 same as 52347
49 *Galium catalinense*
50 same as 52347
51 *Galium angustifolium*
52 same as 52351
53 same as 52354
54 *Galium angustifolium*
55 same as 52351
56 *Madia radiata*
57 *Centaurea solstitialis*
58 *Cyperus virens*
59 *Juncus effusus*
60 *Chenopodium ambrosioides*
61 *Plantago lanceolata*
62 *Echinochloa crus-galli*
63 *Cuscuta arvensis*
64 *Solanum villosum*
65 same as 52352
66 *Mollugo verticillata*
67 *Polygonum punctatum*
68 same as 52367
69 *Juncus oxymeris*
70 *Juncus xiphioides*
71 *Eleocharis*
72 *Epilobium*
73 *Solanum nigrum*
74 *Solidago occidentalis*
75 *Eriogonum canadensis*
76 *Bidens frondosa*
77 same as 52370
78 *Lotus americanus*
79 same as 52380
80 *Epilobium paniculatum*

- | Date | Locality | County |
|---------|---|----------------|
| 3/30/29 | Andrews Can. Palm Springs | Riv. Co. |
| 4/8/29 | Santa Catalina I., cliffs along Avalon-Pebbly Beach Rd. | LA Co. |
| " | " | Hamilton C. |
| " | " | Avalon C. |
| 8/3/29 | Oakland | Alameda |
| 8/2/29 | " | " |
| 8/4/29 | Turlock | Stanislaus Co. |
| " | " | " |
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| 8/29/29 | " | " |
| 9/30/29 | " | " |
| " | " | " |
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| " | " | " |
| 9/3/29 | Turlock | Stanislaus |

- S 2381 *Tribulus terrestris*
 82
 83 *Amaranthus bidetoides* Wats
 84 *Rorippa curvisiliqua*
 85 *Cenchrus pauciflorus*
 86 *Ilysanthes dubia*
 87 *Cyperus virans*
 88 *Borreria phyodes*
 89 *Stachys bullata*
 90 *Heuchera*
 91 *Holodiscus discolor*
 92 *Godetia*
 93 *Galium Nuttallii*
 94 *Astragalus leucopais* v. *leucophyllus*
 95 *Grindelia*
 96 *Iva axillaris* v. *pubescens*
 97 *Distichlis stricta*
 98 *Suaeda Moquini*
 99 *Sesuvium verrucosum*
 S 2400 *Atriplex leucophylla*
 1 ~~*Amorpha arenaria*~~ *Elymus* sp.
 2
 3
 4
 5 Discarded
 6 Discarded
 7 Discarded
 8 *Paspalum distichum*
 9 *Setaria leuiscens*
 10
 11 Discarded
 12 Discarded
 13 *Callitriche palustris*
 14 *Stachys albens*

APK

9/3/29 Turlock

Stanislaus Co.

6/29/29

6/29/29

6/16/29

6/2/29

Dept. of Botany, U. of Pa. January 25, 1946

S 2401

Dear Ray, Just ran across your no. ~~2381~~, from Berkeley,

California, sand beach. It is labeled as *Amorpha arenaria*, which it is not. It is some species of *Elymus*, not *E. mollis*, but I am unable to do anything further with it. Has anyone ever named the thing correctly for you? Don't bother if it would require much time--I was just curious.

Date of specimen is Fe. 21, 1929.

Yours,

Richard W. Loh

7/2/29

Turlock

6/30/29

Stanislaus Co.

7/4/29

Knight Ferry

"

"

"

Dept. of Botany, U. Of Pa. January 25, 1946

Dear Ray, -

S 2401

Just ran across your no. ~~X21211~~, from Berkeley, California, sand beach. It is labeled as ~~Mimophila~~ *arenaria*, which it is not. It is some species of *Elymus*, not *E. mollis*, but I am unable to do anything further with it. Has anyone ever named the thing correctly for you? Don't bother if it would require much time--I was just curious.

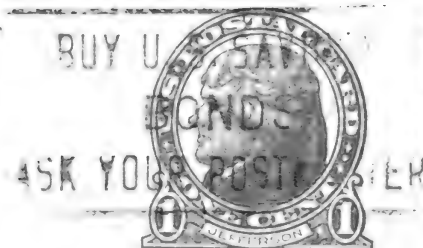
Date of specimen is Fe. 21, 1929.

Yours,

Richard W. Sahl



THIS SIDE OF CARD IS FOR ADDRESS



Dr. F.R. Fosberg
Holmes Run Road
Falls Church R.R. 1
Virginia

- S 2381 *Tribulus terrestris*
 82
 83 *Amaranthus blitoides* Wats.
 84 *Rorippa curvisiliqua*
 85 *Cenchrus pauciflorus*
 86 *Thysanthes dubia*
 87 *Cyperus virans*
 88 *Portulaca physodes*
 89 *Stachys bullata*
 90 *Heuchera*
 91 *Holodiscus discolor*
 92 *Godetia*
 93 *Galium Nuttallii*
 94 *Astragalus leucopsis* v. *leucophyllus*
 95 *Grindelia*
 96 *Trifolium apillaris* v. *pubescens*
 97 *Distichlis stricta*
 98 *Suaeda moquini*
 99 *Sesuvium venucosum*
 S 2400 *Atriplex leucophylla*
 1 ~~*Amorpha canescens*~~ *Elymus* sp.
 2
 3
 4
 5 Discarded
 6 Discarded
 7 Discarded
 8 *Paspalum distichum*
 9 *Setaria lutescens*
 10
 11 Discarded
 12 Discarded
 13 *Callitriche palustris*
 14 *Stachys albens*

9/3/29 Turlock

Stanislaus Co.

6/29/29 Dublin Canyon

Alameda Co.

6/29/29 Altamont Pass

6/16/29 Bakersfield

Kern Co.

6/21/29 Berkeley

Alameda Co.

7/2/29 Turlock

Stanislaus Co.

6/30/29

7/4/29 Knight's Ferry

- 52415 *Cyperus laevigatus*
 16 *Scirpus acutus*
 17 *Juncus nevadensis*
 18 *Cephalanthus occidentalis*
 19 *Baccharis Douglasii*
 20 *Salix exigua* Nutt.
 21 *Lotus americanus*
 22 *Asclepias mexicana*
 23 *Aster Menziesii*
 24 *Juncus balticus*
 25 *Helenium puberulum*
 26 *Potamogeton*
 27 *Rhamnus californicus* v. *obtusissimus*
 28 *Rumex conglomeratus*
 29 *Mentha spicata*
 30 *Amaranthus hybridus*
 31
 32
 33
 34 *Aesculus californica*
 35 *Monardella villosa*
 36 *Chenopodium Fremontii*
 37 *Ribes*
 38 *Allenrolfea occidentalis*
 39 *Rotula ramosior*
 40 *Asclepias erosa*
 41 *Lotus grandiflorus* v. *mutabilis*
 42 *Stanleya pinnata*
 43 *Franseria bipinnatifida*
 44 *Abronia latifolia*
 45 *Abronia umbellata*
 46 *Cubile edentula* v. *californica*
 47 *Medicago lupulina*
 48 *Juncus canaliculatus dubius*

7/4/29 Knight Ferry

ditto

7/2/29 Turlock

ditto

6/29/29 Dublin Can. ~~all~~

Alameda Co.

6/16/29 Bakersfield

Kern

6/29/29 Dublin Can.

Alameda Co.

6/16/29 Bakersfield

Kern Co.

ditto

6/16/29 S. end of Ridge Route above Castaic

L.A. Co

6/21/29 Berkeley, S. Bay

Alameda Co

ditto

7/4/29 Knight Ferry

Stanislaus Co

52449 Pterid. see R 127

50 Epilobium

51 Eleocharis

52 Cyperus melanostachyus

53 Mimulus cardinalis

54 Salureja Douglasii

55 Symphoricarpos albus

56 same as 2459

57 Dianthus dubia

58 Prunus virginiana v. demissa

59 Rhamnus californicus

60 Phytocarpus alternans

61 Mimulus aurantiacus

62 Cuscuta

63 Baccharis pilularis

64 Achillea millefolium

65 Lolium multiflorum

66 Picris echinoides

67 Arctostaphylos drupacea

68 Zauschneria californica

69 Cuscuta

70 Haplopappus venetus v. vernonioides

71 Ribes malvaceum

72 Lepidospartum squamatum

73 Solidago californica

74 Rhus diversiloba

75 Pseudotsuga mucronata

76 Quercus dumosa

77 Umbellularia californica

78 Romneya Coulteri

79 Coethrogyne filaginifolia

80 Dentaria integrifolia v. californica

81 Rhamnus crocea var. ilicifolia

82

7/4/29 Knights Ferry

Stanislaus Co.

6/29/29 Dublin Can

Alameda Co.

6/30/29 Turlock

Stanislaus Co.

6/29/29 Dublin Can

Alameda Co.

ditto

Oakland

Alameda

12/21/29 Trabuco Can. Santa Ana Mts. Orange Co.

ditto

12/21/29 Upper Trabuco Can. Santa Ana Mts. Orange Co.

ditto

52483

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52500

1

2 *Eriogonum*3 *Atriplex coronata* v. *notata*4 *Cryptantha*5 *Peltocarya setosa*6 *Eriogonum mohavense*7 *Eriogonum angulosum*8 *Chorizanthe Thurberei*9 *Gilia Matthewsii*10 *Monardella epilob*11 *Malvastrum Parryi*12 ~~*Lepidium*~~ *nitidum*13 *Abromia villosa*14 *Lupinus succulentus*

15

16 *Erigeron*

5/12/30

Across

"

Flat

"

Cajon

"

Flat

"

"

Cajon Pass

- 5 2510a *Calyptridium monandrum* 5/12/30 Cajon Pass San Bern. Co.
 11a *Festuca* " Granite Mts. " " "
 13a *Eriogonum inflatum* " E. slope Granite Mts.
 14a *Stephanomeria pauciflora* 1/6 mi. e Victorville
 15a *Cryptantha* same
 16a *Mitabelia Bigelovii* v. *retroscia* same
 17a *Delphinium Parishii* "
 18a *Stipa speciosa* "
 19a *Nemacladus glandulosus* "
 var. *orientalis* McV.

52483

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52500

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2 *Eriogonum*3 *Atriplex coronata* v. *notata*4 *Cryptantha*5 *Peltocarya setosa*6 *Eriogonum mohavense*7 *Eriogonum angulosum*8 *Chorizanthe Thurberei*9 *Gilia Matthewsii*10 *Monardella epilobis*11 *Malvastrum Parryi*12 ~~*Leptodermis*~~ *nitidum*13 *Alomia villosa*14 *Lupinus succulentus*

15.

16 *Erigeron*

5/12/30

Across End of Granite Ridge from Dead Man's Point S.B.Co.

"

Flats near Dead Man's Point 18 mi. e. Victorville
Cajon Pass

"

Flats near Dead Man's Point 18 mi. e. Victorville

"

"

Cajon Pass

- 525 17 *Mentzelia*
 18 ~~*Sarcocolla*~~ *Malacothrix clevelandii* Gray
 19 *Cryptantha*
 20 *Eurotia lanata*
 21 *Antirrhinum filipes*
 22 *Stanleya pinnata*
 23 *Nemacladus gracilis* Eastw.
 24 *Zygadenus brevibracteatus*
 25 *Trifolium gracilentum*
 26 *Lupinus concinnus* v. *desertorum*
 27 *Ellisia membranacea*
 28 *Pterostegia drymarisoides*
 29 *Ellisia Torreyi*
 30 *Sitanion Hystrix*
 31 *Mentzelia*
 32 *Dyssodia Cooperi*
 33 *Krameria*
 34 *Coleogyne ramosissima*
 35 *Atriplex Parishii*
 36 *Allenrolfea occidentalis*
 37 *Stipa speciosa*
 38 *Nicotiana trigonophylla*
 39 *Chorizanthe brevicornis*
 40 *Malvastrum rotundifolium*
 41 *Chorizanthe rigida*
 42 *Oxytheca perfoliata*
 43 *Chaenactis carphochimia*
 44 *Eriogonum Thomasii*
 45 *Malacothrix californica* v. *glabrata*
 46 *Phacelia crenulata*
 47 *Eriogonum pusillum*
 48 *Perityle Emoryi*
 49 *Eriogonum trichosper*
 50 *Eriogonum nudum*

5/12/30 Cajon Pass

" "

" East Slope Granite Mts. 16 mi. e. Victorville

" ditto

" Granite Mts.

" Valley bet. Granite Mts. & Ord Mts.

" Granite Mts.

" "

"

" ditto

"

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"

5/12/30 Granite Mts. 16 mi. e. Victorville

San. Bern. Co.

" "

" "

" 16 mi. e. Victorville

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" ditto

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- 52551 *Cressa trufillensis*
 52 *Eriogonum inflatum*
 53 *Gilia punctata*
 54 *Nemacladus rubescens*
 55 *Glyptopleura setulosa*
 56 *Eschscholtzia minutiflora*
 57 *Melica imperfecta*
 58 *Thysanocarpus laciniaatus*
 59 *Sphaeralcea ambigua*
 60 *Brickellia arguta*
 61 *Encelia frutescens* v. *actoni*
 62 *Brickellia arguta*
 63 *Penstemon*
 64 *Phacelia vallis-mortae*
 65 same as 52554
 66 *Salvia molaveensis*
 67 *Amsinckia tessellata*
 68 *Tetradymia stenolepis*
 69 *Brickellia arguta*
 70 *Castilleja*
 71 same as 52554
 72 *Sisymbrium brachycarpon*
 73
 74 *Cryptantha*
 75 *Pectocarya setosa*
 76
 77 *Poa scabrella*
 78 *Syntherisma pappus* *Fremontii*
 79 *Allium fimbriatum*
 80 *Lomatium Parryi*
 81
 82 *Eriogonum inflatum*
 83
 84 same as 52552

5/12/30 Granite Mts. 16 mi. e. Victorville

San Bern. Co.

ditto

Granite Mts.

San Bern. Co.

ditto

S 2585 - same as S 2582

- 86 *Ellisia membranacea*
 87 *Buckellia arguta*
 88 *Sitanion hystrix*
 89 *Acamptopappus sphaerocephalus*
 90 *Aplopappus Cooperi*
 91 *Platystemon Californicus* v. *crinitus*
 92 *Eriogonum Thomasii*
 93 *Hilaria Jamesii*
 94 *Eriogonum fasciculatum* v. *foliosum*
 95 *Mulla cerotensis*
 96 *Sitanion jubatum*
 97 same as S 2594

E.D. Pinney

- 98 *Eriogonum nidularium*
 99 *Alhambra Oenothera brevipes*
 (S 2600 *Belbia juncea* v. *aspera*)
 1 same as S 2600

- 2 *Cuscuta*
 3 *Silene laciniata*
 4 *Silene laciniata*
 5 *Habenaria unalaschensis*
 6 *Lotus eriophorus* v. *Hermannii*
 7 Discarded
 8 *Lotus tomentellus*
 9 *Dalea spinosa*
 10 *Cercidium floridanum*
 11 *Dalea Schottii* v. *puberula*
 12 *Eriogonum inflatum* v. *deflatum*
 13 *Fagnia chilensis* v. *laevis*
 14 *Physalis crassifolia*
 15 *Phoradendron californicum*
 16 *Dalea mollis* v. *mollissima*
 17 *Stephanomeria pauciflora*
 18 *Brandegea Bigelovii*

5/12/30 Granite Mts.

San Bernardino

ditto

5/9/30 Claremont

L.A. Co.

5/4/30 Victorville

San Bern.

5/12/30 Granite Mts.

5/8/30 Santa Ana Can.

Orange Co.

5/9/30 Claremont

L.A. Co.

5/17/30 Deep Canyon

Riverside Co.

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Hills s. Deep Can.

52619. *Beloperone californica*
20 *Polypogon lutosus*
21 *Trichoptilum incisum*
22 *Cryptantha*
23 *Palafolia linearis*
24 *Petalonyx Thurberi*
25 *Dalea Fremontii* v. *Saundersii*
26 *Aristida adsonciconis*
27 *Lotus rigidus*
28 *Chilopsis linearis* v. *arcuata*
29 *Astragalus ensularis* v. *Harwoodii*
30 *Gilia latifolia*
31 *Mirabilis Bigelovii*
32 *Hofmeisteria pluriseta*
33 *Asclepias albicans*
34
35 *Fernastrum heterophyllum*
36
37 *Hibiscus denudatus*
38 *Triodia pulchella*
39 *Sphaeralcea ambigua*
40 *Krameria parvifolia* v. *imparata*
41 *Trifolium californicum*
42 *Galium stellatum* v. *eremicum*
43 *Hoffmannseggia microphylla*
44 *Eriogonum inflatum*
45 *Gilia atrorhizoides*
46 " *intermedia*
47 *Psoralea oricularis*
48 See R122
49 *Montia perfoliata*
50 *Montia perfoliata*
51 *Montia spatulata*
52 *Montia perfoliata*

- [illegible]

72.158

- 54 653 *Montia spathulata* v. *viridis*
 54 " " *tennifolia*
 55
 56 *Rubus parviflorus*
 57 *Quercus chrysolepis*
 58 *Microstema gracilis*
 59 *Gilia ciliata*
 60 *Lewisia brachycalyx*
 61 *Taraxacum californicum*
 62 *Viola Douglasii*
 63 *Plectritis ciliosa*
 64 *Sanicula tuberosa*
 65 *Nemophila rotata* v. *integrifolia*
 66 *Poa secunda*
 67 *Plagiobothrys*
 68 *Viola purpurea*
 69 *Ceanothus perplepans* 1
 70 *Calandrinia ciliata* v. *Menziesii*
 71 *Euphorbia Palmeri*
 72 *Lupinus formosus* v. *Bridgesii*
 73 *Poa scabrella*
 74 *Platystemon californicus*
 75
 76 *Poa annua*
 77 *Layia*
 78 *Gilia inconspicua*
 79 *Gilia epilis*
 80 *Collinsia*
 81 *Gilia ciliata* v. *montana*
 82 *Agoseris retrorsa*
 83 *Gilia Parryae*
 84 *Arenaria Douglasii*
 85 ~~*Lupinus*~~
 86 ~~*Lupinus*~~
 Discarded

5/21/30 San Bern. Mts. near head Deep Cr. on Toll Rd. San Bern. Co.
3/14/30 Claremont S. D. Co.
5/21/30 Waterman Canyon San Bern. Co.
Switzers' Resort, Strawberry Flat
San Bern. Mts. near hd Deep Cr. on Toll Rd
Switzers Resort, Strawberry Flat
San Bern Mts. near hd Deep Cr. on Toll Rd
B
Deep Cr. about halfway down on Toll Road

Dept. of Botany

E. R. For

WOMEN

Steven P. Darwin

- S 2687 *Gilia Parryae*
88 *Cryptantha barbigera*
89 *Cryptantha*
90 *Leptotaenia dissecta* v. *multifida*
91 *Gilia brevicula*
92 *Phacelia distans*
93 *Gilia*
94 *Bromus tectorum*
95 *Gilia capitata*
96 *Cymopterus multinervatus*
97 *Galium Hallii*
98 *Arenaria macradenia*
99 *Oenothera dentata*
S 2700 *Eriodictyon trichocalyx*
1 *Lupinus formosus*
2 *Eriophyllum confertiflorum*
3 *Tetradymia spinosa* v. *longispina*
4 *Salvia canosa*
5 *Castilleja*
6 ~~*Sitamin jibetum*~~ *Hystrix*
7 *Mirabilis Bigelovii* v. *aspera*
8 *Chaenactis Fremontii*
9 *Haplopappus Cooperi*
10 *Colochoctus Kennedyi*
11 *Asclepias vestita* v. *Parishii*
12 *Amsonia brevifolia*
13 *Penstemon*
14
15 *Sisymbrium brachycarpum*
16 discarded
17 *Porophyllum gracile*
18 *Melica frutescens*
19 *Nama demissum*
20

- | | | |
|---------|--|--------------------|
| 5/21/30 | Deep Cr. about halfway down on Toll Rd. | San Bern Co. |
| " | " " " " | " " " |
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| " | " " " " | " " " |
| " | Mojave River above Hesperia | " " " |
| " | Deep Cr. about halfway down on Toll Rd. | " " " |
| " | Mojave R. above Hesperia | " " " |
| " | " " " " | " " " |
| " | " " " " | " " " |
| " | Deep Cr. about halfway down on the Toll Rd | " " " |
| " | Mojave R. above Hesperia | " " " |
| " | " " " " | " " " |
| " | Deep Creek near mouth near Hesperia | " " " |
| " | " " " " | " " " |
| " | " " about halfway down on the Toll Rd | " " " |
| " | Mojave River above Hesperia | " " " |
| 5/30/30 | Granite Mts. 17 mi. e. of Victorville | " " " |
| " | " " " " | " " " |
| 5/30/30 | Granite Mts. 17 mi. e. of Victorville | San Bern. Co. |
| 5/30/30 | Granite Mts. 17 mi. e. of Victorville | San Bernardino Co. |
| " | " " " " | " " " |

- 52721 discarded
22 *Grappalium bicolor*
23 *Thysanocarpus laciniatus*
24 *Filago arizonica*
25 *Tropidocarpum gracile*
26 *Lepidium fremontii*
27 *Festuca octoflora*
28 *Phacelia vallis-mortae*
29 *Ellisia membranacea*
30 *Ellisia Torreyi*
31 *Lotus humistratus*
32 *Stephanomeria exigua*
33 *Chorizanthe spinosa*
34 *Rafinesquina californica*
35 *Phacelia distans*
36 *Cryptantha*
37 *Brickellia arguta*
38 *Sphaeroclea ambigua*
39 *Melica imperfecta*
40 *Eriophyllum Wallacei*
41 *Pectocarya setosa*
42 *Poa scabrella*
43 *Tropidocarpum gracile*
44 *Montia perfoliata*
45 *Boeria microglossa*
46 *Pterostegia drymariaoides*
47 *Chorizanthe brevicornis*
48 *Sitanion hystrix*
49 *Aplopappus*
50 *Ephedra viridis*
51 *Aster abatus*
52 *Euphorbia albomarginata*
53 *Chorizanthe Thurber*
54 *Hilaria Jamesii*

- [illegible]

- 52755 *Orypolis occidentalis*
 56 *Chaenactis Fremontii*
 57 *Eriogonum inflatum*
 58 *Delphinium Parishii*
 59 *Lupinus concinnus* v. *Orcuttii*
 60 *Nemacladus gracilis*
 61 *Erodium cicutarium*
 62 *Cuscuta*
 63 *Stipa speciosa*
 64 *Nemacladus gracilis*
 65 *Hymenoclea salsola*
 66 *Coreopsis calliopsidea*
 67 *Haplopappus linearifolius* v. *interior*
 68 *Calochortus Kennedyi*
 69 *Haplopappus Cooperi*
 70 *Grayia spinosa*
 71 *Mirabilis Bigelovii*
 72 *Cryptantha barbigera*
 73 *Microseris linearifolia*
 74 *Mentzelia congesta*
 75 *Salazaria mexicana*
 76 *Lycium Andersonii*
 77 *Arabis pulchra*
 78 *Trifolium gracilentum*
 79 same as 52773
 80 *Platystemon californicus*
 81 *Eurotia lanata*
 82 *Mirabilis Bigelovii*
 83 *Astragalus Nuttallianus* v. *trichocarpus*
 84 *Astragalus Parishii* v. *longilobus*
 85 *Stephanomeria pauciflora*
 86 *Eriogonum nidularium*
 87 *Allium fimbriatum*
 88 *Chorizanthe spinosa*

Dept. of Botany

Smithsonian Inst.

Dept. Biology

Tulane University

New Orleans LA 70118

SUBJECT

MESSAGE

DATE March 17, 1980 19

FOLD

Dear Ray:

Looking through some collections here, I have discovered a specimen of *Eriogonum* (E. saxatile?) with no label - only "Fosberg 789" on the newspaper. Newspaper dated 1931, by the way! Would you be able to supply data so that we can type a label and put this collection in the herbarium? There is enough material for one duplicate.

Thank you!

SIGNED



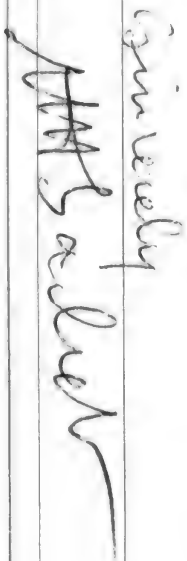
REPLY

DATE June 9, 1980 19

Dear Dr. Darwin,

I dug up this letter on Ray's desk after he left for Guam. As the coll. book and some blank labels were with it, I assume he hadn't answered. So I enclose the label. If you change the determination, please let us know.

SIGNED



RETAIN WHITE COPY, RETURN PINK COPY

FOUR 44-302 U.S.A.

SPEED LETTER

TO Dr. F. R. Fosberg

FROM Steven P. Darwin

Dept. of Botany

Dept. Biology

Smithsonian Inst.

Tulane University

SUBJECT

New Orleans LA 70118

MESSAGE

DATE March 17, 1980 19

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SIGNED

Sincerely

M. S. Baker

- 52823 *Eriogonum deflexum* v. *insigne*
24 *Collinsia chuldii*
25 *Mimulus moenchatus* var. *longiflorus*
26 *Cornus californica*
27 *Phacelia curvipes* var. *Davidsonii*, f. *macrantha*
28 *Poa secunda*
29 *Hemizoniella minima*
30 *Barbarea orthoceras*
31 *Caulanthus amplexicaulis*
32 *Arabis glabra*
33 *Potentilla Hansenii*
34 *Cryptantha semulans*
35 *Carex fracta* Mack.
36 *Carex multicaulis* Bailey
37 *Carex multicaulis* Bailey
38 Discarded
39 *Velaea vestita*
40 -
41 *Allium Burlewii*
42
43 *Pedicularis semibarbata*
44 Discarded *semibarbata*
45 Discarded
46 Discarded
47 *Pinus contorta* v. *latifolia*
48 *Pinus contorta* v. *latifolia*
49 *Castanopsis sempervirens*
50 *Ribes cereum*
51 *Arctostaphylos Parryana*
52 *Cercocarpus ledifolius*
53 *Porophyllum gracile*
54 *Silene laciniata*
55 *Romneya Coulteri*
56

- 52891 *Marrubium vulgare*
 92 *Castilleja*
 93 *Lotus scoparius*
 94 *Brassica encana*
 95 *Sisymbrium officinale*
 96 *Centaura melitensis*
 97 *Lonicera subspicata* v. *Johnstonii*
 98 *Salvia apiana*
 99 *Erigeron*

52900 *Rhus laurina*

- 1 *Chenopodium californicum*
 2 *Sambucus coccinea*
 3 *Cuscuta*
 4 *Castilleja*
 5 *Sonchus aspera*
 6 *Graphalium californicum*
 7 *Mimulus cardinalis*
 8 *Convolvulus occidentalis* v. *angustissimus*
 9 *Melilotus indica*
 10 *Sonchus aspera*
 11 *Melilotus alba*
 12 *Castilleja strobilifera*
 13 *Polypogon monspeliensis*
 14 *Polypogon monspeliensis*
 15 *Juncus oxymeris*
 16 *Polypogon lutescens*
 17 *Rhamnus californica*
 18 *Datisca glomerata*
 19 *Euphorbia peplos*
 20 *Phacelia hispida*
 21 *Galium aparine*
 22 *Apiastrum angustifolium*
 23 *Pterostegia drymariorides*
 24 *Thalictrum polycarpum*

6/15/30 Santiago C. near Modjesko's Home, Sta. Ana Mts. Cal.



- 52925 *Eriophyllum confertiflorum*
 26
 27 *Galium Nuttallii*
 28 *Mimulus purpureus* X *longiflorus*
 29
 30 *Collinsia*
 31 *Galium angustifolium*
 32 *Pancus pusilla*
 33 *Achillea millefolium*
 34 *Rafinesquina californica*
 35 *Ellisia chrysanthemifolia*
 36 *Solanum Douglasii*
 37 *Cryptantha*
 38 *Delphinium Parryi*
 39 *Brodiaea capitata*
 40 *Silene laciniata*
 41 *Yucca whipplei*
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 52
 53
 54
 55 *Scirpus campestris*
 56
 57
 58

6/15/30 Santiago C. near Modjeski's Home, Sta. Ana Mts. Orange

ditto

6/23/1930 Del Rey

L. A. Co. Cal.

52959

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73 *Cuscuta californica*

74

75

76

77 ~~*Alronia alba*~~78 *Alronia alba* var. *variabilis*

79

80

81 *Atriplex semibaccata*

82

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89 *Oenothera cheimanthifolia*

90

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6/23/30 Del Rey

L.A. Co. Cal.

6/23/30 " "

S 2993

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S 3000

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11

12 *Hemizonia fasciculata*

13

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20

21 *Rumex* ~~conglomeratus~~ *conglomeratus*

22

23 *Loghium halepense*

24

25

26 *Epilobium californicum*

6/26/30 Culver Garden, below Culver City, L. A. Co. Cal.

6/26/30 Lower Bellona Cr. L. A. Co.

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S 3027

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36 *Physalis ixocarpa*37 *Conium maculatum*38 *Eriogonum fasciculatum* v. *foliolosum*

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45 *Polygonum lapathifolium*

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57 *Arthrocnemum subterminale*

58

59 *Suaeda depressa*60 *Atriplex patula*

7/7/30 Lexington Wash. San Gabriel R. Cl. Monte P.O. Co. Cal.

.. .. .

.. .. .

6/26/30 Lower Bellona Cr. L.A. Co.

6/30/30 Del Rey

6/30/30 Del Rey L.A. Co. Cal.

.. .. .

53061

62 *Salicornia depressa*

63

64 *Lupinus chamissonis*65 *Corethrogyne filaginifolia* var. *virgata*66 *Hemizonia fasciculata*67 *Atriplex rosea*68 *Centromadia frungens*

69

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71

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73 *Grindelia robusta*

74

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80 *Gilia gilioides* var. *glutinosa*81 *Eriogonum thurberi*

82

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89 *Eriogonum gracile*

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6/30/30 Del Rey

L. A. Co.

6/30/30 Del Rey

L. A. Co., Cal.

" " "

" " "

" " "

6/30/30 " "

7/3/30 Lexington Wash. San Gabriel R. El Monte, L. A. Co.

7/3/30 " " " " " "

53095

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53100 *Oenothera hookeri*

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10 *Juncus mexicanus*

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7/3/30 San Gabriel R., El Monte L.A. Co.

" " " " " " "

7/3/30 San Gabriel River, El Monte, L.A. Co. Cal.

53129

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43 *Atriplex argentea expansa*

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56 *Atriplex argentea expansa*57 *Salicornia ambigua*

58

59

60

61 *Cuscuta salina*

62

7/7/30 Alamitos Bay L. G. C. Cal.

" " " " " "

7/7/30 Alamitos Bay L. G. C. Cal.

53/63

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71 *Hemizonia fasciculata*72 *Atriplex leucophylla*73 *Chloris gayana*

74

75

76 *Cordylanthus maritimus*77 *Monanthochloa littoralis*

78

79

80

81

82

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87

88 *Atriplex decumbens*

89

90 *Hemizonia fasciculata*

91

92

93 *Spartina foliosa*

94

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96

7/7/30 Alamitos Bay

L.A. Co.

7/7/30 Alamitos Bay

L.A. Co.

7/10/30 Anaheim Landing

L.A. Co. Cal.

S3197

98

99

S3200

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Alronia cycloptera

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Polanisia trachysperma

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Heliotropium convolvulaceum

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26 *Phacelia congesta*

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8/27/30 Mesquite

Dona Ana Co.

9/2/30 Flat 2 mi. N.W. Pyramid Peak

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7/22/30

S 3265

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75 *Aristida Fendleriana*

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81

82 *Boerhaavia Torreyana*

83

84

85 *Potamogeton interior*

86

87

88 *Epiphipium Maurandya Wislizenii*

89

90 *Atriplex canescens*

91

92 *Acacia constricta*

93

94 *Acacia constricta*

95

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7/29/30 Flats S.W. Pyramid Peak

Donna Ana Co.

8/7/30 mesquite

" " "

8/4/30 2 mi. E. Vado

" " "

7/26/30 2 mi. N. Mesquite

" " "

" " " "

" " "

8/1/30 Flats, S.W. Pyramid Peak

" " "

" " " "

" " "

S3299

S3300

1

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4

5 *Eriogonum rotundifolium*

6

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12 *Baileya multiradiata*

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19 *Dithyrea Wislizeni*

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24 *Centaurium calycosum*

25

26

27 *Rhus trilobata*" " 28 *Prosopis pubescens*

29

30

31

" " 32 *Apocynum cannabinum*
~~*sibericum*~~ *salignum*

8/1/30 Flats S.W. Pyramid Peak

Roma Ana Co.

" " " " " " " " " " " "

7/28/30 2 mi. N. Mesquite

" " "

7/27/30 3 mi. W. Roma Ana

" " "

7/24/30 Las Cruces

" " "

7/24/30 Las Cruces

" " "

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533 33 *Polygonum lapathifolium*

34

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39 *Atriplex elegans*

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.. 49 *Janusia gracilis*

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55 *Lolanum oleagnifolium*

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7/24/30 Las Cruces

Dona Ana Co.

7/28/30 Mesquite

.. ..

8/4/30 Pyramid Peak

.. ..

7/27/30 2 mi. n. Fairacres

.. ..

1 200

